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1912

ANNUAL
REPORT

OF THE
Superintendent
OF
SCHOOLS

Danvers, Massachusetts, 1912

1912-1913
JULY 1, 1913
Danvers Schools

EIGHTY-SEVENTH ANNUAL REPORT

OF THE

School Committee

OF THE

COMPLIMENTS OF SCHOOL COMMITTEE OF LOWELL

RT

HUGH J. MOLLOY

SUPERINTENDENT OF SCHOOLS

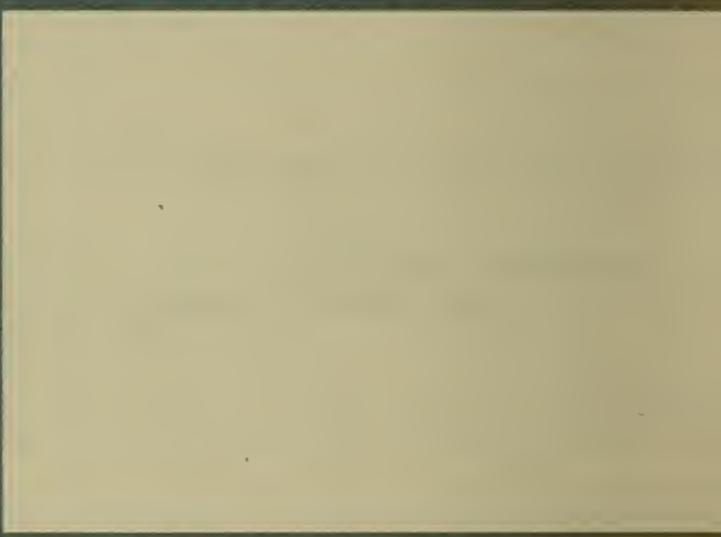
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F. A. M. TOBIN'S PRINTERY
LOWELL, MASS.

1913



EIGHTY-SEVENTH ANNUAL REPORT

OF THE

School Committee

OF THE

CITY OF LOWELL, MASS.

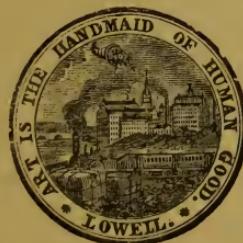
AND THE

FORTY-NINTH ANNUAL REPORT

OF THE

Superintendent of Public Schools

1912



F. A. M. TOBIN'S PRINTERY

LOWELL, MASS.

1913

CITY OF LOWELL

Office of the School Committee,

LOWELL, MASS., March 25, 1913.

At a meeting of the School Committee, held March 25, 1913, it was voted to adopt the report of the Superintendent of Schools for 1912 as the report of the School Committee for that year, and to authorize the printing of the report.

In accordance with this vote the report is herewith submitted.

Hugh J. Molloy,
Secretary.

ORGANIZATION

OF THE

School Committee

1912

JOHN C. FARRINGTON, Chairman.
ARTHUR K. WHITCOMB, Secretary.

| | |
|---|-------------------|
| PATRICK J. BAGLEY, D. M. D., 19 Lombard St. | Term expires 1913 |
| JOHN C. FARRINGTON, 182 Perry St. | " " 1913 |
| CHARLES T. McKENZIE, 101 Coburn St. | " " 1912 |
| JAMES B. O'CONNOR, M. D., 188 Moore St. | " " 1912 |
| JOHN JACOB ROGERS, 444 Andover St, | " " 1912 |

STANDING COMMITTEES

- On Teachers**—Dr. Bagley, Mr. Farrington, Mr. McKenzie, Dr. O'Connor, Mr. Rogers.
- On Books and Supplies**—Mr. Farrington, Dr. Bagley, Mr. McKenzie, Dr. O'Connor, Mr. Rogers.
- On Evening Schools**—Mr. McKenzie, Dr. Bagley, Mr. Farrington, Dr. O'Connor, Mr. Rogers.
- On High School**—Dr. O'Connor, Dr. Bagley, Mr. Farrington, Mr. McKenzie, Mr. Rogers.
- On Rules**—Mr. Rogers, Dr. Bagley, Mr. Farrington, Mr. McKenzie, Dr. O'Connor.
- On Finance**—Dr. Bagley, Mr. Farrington, Mr. McKenzie, Dr. O'Connor, Mr. Rogers.
- On School Houses and Hygiene**—Dr. O'Connor, Dr. Bagley, Mr. Farrington, Mr. McKenzie, Mr. Rogers.
- On Industrial School**—Mr. McKenzie, Dr. Bagley, Mr. Farrington, Mr. Rogers, Dr. O'Connor.

ASSIGNMENT OF SCHOOLS

- Dr. Bagley**—High, Industrial, Bartlett, Pawtucket, Green, Cross street, New Moody street, Lexington avenue, Worthen street, Morrill, Kirk street, Cabot street; Pawtucket and Bartlett Kindergartens.
- Mr. Farrington**—High, Industrial, Colburn, Edson, Colburn Primary, Charles street, Ames street, Central street, Eliot, Cottage street, Chapel street and Charles street Kindergartens.
- Mr. McKenzie**—High, Industrial, Varnum, Greenhalge, Tenth street, West Sixth street, Billings street, Lakeview avenue; Varnum Kindergarten.
- Dr. O'Connor**—High, Industrial, Butler, Lincoln, Highland, Riverside, Franklin, London street, Weed street, Agawam street, Carter street, Lyon street, Howard street, Grand street, Laura Lee, Dover street, Pine street, Middlesex Village; Linco'n, Franklin, Dover street, Laura Lee, Pine street and Agawam street Kindergartens.
- Mr. Rogers**—High, Industrial, Moody, Washington, Pond street, High street, Sycamore street, Powell street; Moody Kindergarten.

ASSIGNMENT OF EVENING SCHOOLS

Mr. McKenzie—High, Drawing, Cabot St.

Mr. Farrington—Greenhalge, Colburn, Edson.

Dr. O'Connor—Butler, Green, Franklin.

Dr. Bagley—Worthen, Mann, Middlesex Village.

Mr. Rogers—Old Moody, Riverside, Howard St.

Arthur K. Whitcomb, Superintendent of Public Schools.
Office in City Hall.

Office Hours—One hour after the forenoon session of schools
and from 10 to 12 o'clock on Saturday forenoon.
Telephone 2728. Home Telephone 2030.

HENRY WILLIAMS, School Supply Agent.
Office in School Supply Room, City Hall.

Hours—8 a. m. to 12.30 p. m., and 1 to 5 p. m. Office Telephone 2727. Home Telephone 2714.

WM. F. THORNTON, Supervisor of Janitors.
Office, City Hall, Third Floor.

Office Hours—12 m. to 1 p. m. Home Telephone 3423.

TRUANT COMMISSIONERS

WM. F. THORNTON

CAMILLE ROUSSIN, HENRY L. WILLIAMS,
JOHN J. WALKER.

Office in City Hall, Third Floor.

Office Hours—12m. to 1 p. m. for all the working days of the
year.

REGULAR MEETINGS OF THE SCHOOL COMMITTEE

January 30

February 27

March 26

April 30

May 28

June 25

July 30

August 27

September 24

October 29

November 26

December 31

ORGANIZATION

OF THE

School Committee

1913

JOHN H. LAMBERT, M. D., Chairman.
HUGH J. MOLLOY, Secretary.

| | Term Expires |
|-------------------------------------|--------------|
| PATRICK J. BAGLEY, D. M. D. | 1913 |
| Res., 23 Lombard St. | |
| Tel. 2156. Bus., 169 Merrimack St. | |
| ABEL, R. CAMPBELL, | 1914 |
| Res., 23 Harris Ave. | |
| Tel. 2185. Bus., Sun Building. | |
| JOHN H. LAMBERT, M. D. | 1914 |
| Bus., 202 Merrimack St. | |
| Tel. 3564. Res., 70 Wannalancit St. | |
| JOHN C. FARRINGTON, | 1913 |
| Bus., 15 Paige St. | |
| Tel. 3228-1. Res., 182 Perry St. | |
| PERRY D. THOMPSON, | 1914 |
| Res. 185 Andover St. | |
| Tel. 3822. Bus., 31 Donovan Bldg. | |

STANDING COMMITTEES

Teachers—Dr. Lambert, Dr. Bagley, Mr. Campbell, Mr. Farrington, Mr. Thompson.

Books and Supplies—Mr. Campbell, Dr. Bagley, Mr. Farrington, Dr. Lambert, Mr. Thompson.

Evening Schools—Dr. Lambert, Dr. Bagley, Mr. Campbell, Mr. Farrington, Mr. Thompson.

High School—Mr. Thompson, Dr. Bagley, Mr. Campbell, Mr. Farrington, Dr. Lambert.

Rules—Dr. Bagley, Mr. Campbell, Mr. Farrington, Dr. Lambert, Mr. Thompson.

Finance—Mr. Farrington, Dr. Bagley, Mr. Campbell, Dr. Lambert, Mr. Thompson.

School Houses and Hygiene—Mr. Campbell, Dr. Bagley, Mr. Farrington, Dr. Lambert, Mr. Thompson.

Industrial School—Mr. Thompson, Dr. Bagley, Mr. Campbell, Mr. Farrington, Dr. Lambert.

ASSIGNMENT OF SCHOOLS

Dr. Bagley—High, Industrial, Butler, Green, Worthen street, Morrill, Kirk street, Cabot street, London street, Carter street, Agawam street; Agawam Kindergarten.

Mr. Campbell—High, Industrial, Highland, Lincoln, Washington, Grand street, Howard street, Dover street, Franklin, Pine street, Lincoln Primary, Middlesex Village, Powell street, Washington Primary, Laura Lee; Dover, Franklin, Pine street, and Laura Lee Kindergartens.

Mr. Farrington—High, Industrial, Varnum, Colburn Grammar, Colburn Primary, Charles street, Ames street, Central street, Eliot, Cottage street, Lyon street; Charles street, and Varnum Kindergartens.

Dr. Lambert—High, Industrial, Bartlett Grammar, Pawtucket, Greenhalge Grammar, Cross street, New Moody street, Lexington avenue, Greenhalge Primary, Bartlett Primary, Lakeview avenue, Billings street, Bartlett and Pawtucket Kindergartens.

Mr. Thompson—High, Industrial, Moody, Edson, Riverside Grammar, High street, Pond street, Sycamore street, Weed street, Riverside Primary, West Sixth street, Tenth street; Moody and Chapel street Kindergartens.

ASSIGNMENT OF EVENING SCHOOLS

Dr. Lambert—High, Green, Greenhalge.

Mr. Farrington—Colburn, Edson, Franklin.

Mr. Campbell—Butler, Worthen, Mann.

Dr. Bagley—Howard St., Middlesex Village, Cabot St.

Mr. Thompson—Drawing, Old Moody, Riverside.

HUGH J. MOLLOY, Superintendent of Public Schools.
Office in City Hall.

Office Hours—One hour after the forenoon session of the schools; at other times, including Saturdays, by appointment. Telephone 2728. Home Telephone 3121.

Supervisor of Primary Grades.
ALICE T. LEE.

12 South Walker St. Telephone 1405.
Office Hours—12 to 1 every school day.

Clerk
FANNIE A. THOMPSON.
Telephone 1066.

School Supply Agent
HENRY L. WILLIAMS.

Office in School Supply Room, City Hall.
Hours—8 a. m. to 12:30 p. m., and 1 to 5 p. m.
Office Telephone 2727. Home Telephone 2714.

Supervisor of Janitors.
WILLIAM F. THORNTON.
Office, City Hall, Third Floor.
Office Hours—12 m. to 1 p. m. Home Telephone 3423.

TRUANT COMMISSIONERS

WM. F. THORNTON,
CAMILLE ROUSSIN, HENRY L. WILLIAMS,
JOHN J. WALKER.

Office in City Hall, Third Floor.

Office Hours—12 m. to 1 p. m. for all the working days of the year.

REGULAR MEETINGS OF THE SCHOOL COMMITTEE

| | | | |
|--------------|-------------|-------------|-------------|
| January 28 | February 25 | March 25 | April 29 |
| May 27 | June 24 | July 29 | August 26 |
| September 30 | October 28 | November 25 | December 30 |

REPORT OF THE Superintendent of Schools

Office of the Superintendent of Schools,
March 25, 1913.

To the School Committee of Lowell:

The following report, for the year 1912, is respectfully submitted.

SUMMARY OF STATISTICS

| | |
|--|-----------------|
| Valuation of City (basis of taxation in 1911) .. | \$84,694,648.90 |
| Valuation of school houses and lots | 1,959,750.00 |
| Rate of taxation (\$19.00 per \$1000) | 1.90 per cent. |
| Expenditures for day schools | 377,109.47 |
| Expenditures for evening schools | 17,448.75 |
| Day school expenditures to total valuation .. | .445 per cent. |
| Day and evening school expenditures to total valuation | .466 per cent |
| Population by census of 1910 | 106,294 |
| Number of polls | 24,652 |
| Decrease for the year | 1,151 |
| Number of children between five and fifteen years of age, September 1, 1912, males | |
| 7218; females 7532 | 14,750 |

| | | | |
|-----------|------|-----------|------|
| Ward One, | 1018 | Ward Six, | 3188 |
| " Two, | 1511 | " Seven, | 1595 |
| " Three, | 1547 | " Eight, | 1323 |
| " Four, | 1475 | " Nine, | 1678 |
| ,, Five, | 1415 | | |

Decrease in the year

43

| | |
|--|--------|
| Number between 7 and 14 (compulsory school age) | 10,874 |
| Increase for year | 81 |
| Number of public day schools | 62 |
| One High, thirteen Grammar, thirty-five Primary, two Mixed, eleven Kindergarten. | |
| Number of public school buildings | 59 |
| Occupied by day schools, 53; used for evening schools, 3; unoccupied, 3. | |
| Number of school rooms in actual use | 306 |
| High, 37; Grammar, 129; Primary, 124; Mixed, 4; Kindergarten, 12. | |
| Elected teachers Dec. 31, 352; on leave, 13; in service | 339 |
| Teachers in service Dec. 31, including clerk in H. S. | 363 |
| Elected, 339; permanent substitutes, 24. | |
| Subdivisions of Elected Teachers in service: | |
| High, 43, 14 men, 29 women; Grammar, 142, 12 men, 130 women; Primary, 116 women; Mixed, 4 women; Kindergarten, 22 women; Drawing, 2 women; Music, 1 man, 1 woman, Sewing, 2 women; School visitor, 1 woman; Supervisor of primary grades, 1 woman. | |
| Teachers in Evening Schools, term of 1911-12 | 132 |
| High, 28; Elementary, 86; Drawing, 18. | |
| Pupils enrolled in Evening Schools, term of 1911-12 | 3546 |
| High, 966; Elementary, 2256; Drawing, 324. | |
| Whole number of pupils enrolled in Day Schools | 12,721 |
| High, 1273; Grammar, 5659; Primary 4984; Mixed, 158; Kindergarten, 647. | |
| Average number belonging to Day Schools.... | 10,816 |
| High, 1173; Grammar, 4986; Primary, 4128; Mixed, 138; Kindergartens, 391. | |

| | |
|---|---------|
| Average attendance | 9,991 |
| High, 1120; Grammar, 4677; Primary, 3764; Mixed, 129; Kindergartens, 301. | |
| Average number belonging to each teacher .. | 34 |
| High, 32; Grammar, 35; Primary, 36; Mixed, 35; Kindergarten, 18. | |
| Average belonging to each room | 36 |
| High, 32; Grammar, 35; Primary, 36; Mixed, 35; Kindergarten, 33. | |
| Average per cent. of attendance | 92.37 |
| High, 95.48; Grammar, 93.82; Primary, 91.18; Mixed, 93.47; Kindergarten, 76.98. | |
| Average cost of each pupil, for tuition only, based on the average number belonging .. | \$24.13 |
| High, \$35.68; Grammar, \$22.99; Primary, and Mixed, \$19.85; Kindergarten, \$30.96. | |
| Total cost per pupil for tuition, salaries of janitors, medical inspection, six-sevenths of supervision, supplies, fuel, and all inci- dentials, based on enrollment | \$29.60 |
| Same based on average number belonging | \$34.82 |
| Average cost per pupil in evening schools for teachers and janitors, fuel, light, supplies and one-seventh of supervision, based on average number belonging | \$10.06 |

INDUSTRIAL SCHOOLS

(Not included in the foregoing, Sept. to Dec. only)

Boys: Buildings, 2; rooms, 10; teachers, 9; pupils enrolled,
158; average belonging, 144; average attending, 132; per
cent. attendance, 91.

Girls: Building, 1; rooms, 4; teachers, 6; pupils enrolled, 97;
average belonging, 82; average attending, 74; per cent.
attendance, 90.

RECEIPT'S AND EXPENDITURES

Receipts

Appropriated and assessed in 1912 \$420,983.57

Expenditures

Paid to teachers of day schools:

High School \$41,858.87

Grammar Schools—Bartlett School \$10,480.94

Butler School 13,088.29

Colburn School 6,844.37

Edson School 9,168.89

Green School 9,829.26

Greenhalge School 7,778.92

Highland School 11,703.60

A. Lincoln School 9,448.67

Moody School 9,539.07

Pawtucket School 6,328.15

Riverside School 2,952.49

Varnum School 12,047.27

Washington School 5323.75

114,529.67

Primary and Mixed Schools..... 84,689.25

Kindergartens 12,106.53

Special teachers..... 4,963.82

Permanent Substitutes..... 2,874.01

Total paid for instruction in day schools....261,022.15

School physicians and school visitor:—

Paid school physicians.....\$ 1,800.00

Paid school visitor..... 638.89

2,438.89

Janitors :—

| | |
|-----------------------------------|-----------|
| Paid janitors of day schools..... | 51,397.61 |
|-----------------------------------|-----------|

Evening Schools :—

| | |
|---------------------------------------|-----------|
| Teachers, High and Elementary Schools | 13,007.25 |
|---------------------------------------|-----------|

| | |
|-----------------------------------|----------|
| Teachers, Drawing and Art Schools | 2,069.00 |
|-----------------------------------|----------|

| | |
|----------------|----------|
| Janitors | 2,470.50 |
|----------------|----------|

| | |
|--|-------------|
| | \$17,546.75 |
|--|-------------|

Cost of supervision :—

| | |
|--------------------------------|------------|
| Superintendent of Schools..... | \$3,075.00 |
|--------------------------------|------------|

| | |
|-----------------------|--------|
| Office Assistant..... | 687.50 |
|-----------------------|--------|

| | |
|-----------------------------|----------|
| Truant officers (four)..... | 4,704.41 |
|-----------------------------|----------|

| | |
|-------------------------------|--------|
| Assistant in supply room..... | 864.50 |
|-------------------------------|--------|

| | |
|-------------------------------------|-------|
| Extra Assistant in Supply room..... | 25.00 |
|-------------------------------------|-------|

| | |
|---------------------------------------|--------|
| Assistant Supervisor of janitors..... | 437.50 |
|---------------------------------------|--------|

| | |
|--|------------|
| | \$9,793.91 |
|--|------------|

| | |
|--|-----------|
| Industrial School teachers and janitors..... | 16,195.18 |
|--|-----------|

| | |
|---|--------------|
| Total Salaries, Industrial Schools omitted..... | \$342,199.31 |
|---|--------------|

| | |
|---|------------|
| Total Salaries, Industrial Schools included | 358,394.49 |
|---|------------|

Bills

| | |
|---------------------------------------|-------------|
| Coal (evening schools \$573.90) | \$18,812.11 |
|---------------------------------------|-------------|

| | |
|------------------------------------|--------|
| Wood (evening schools \$4.75)..... | 652.50 |
|------------------------------------|--------|

| | |
|--------------------------------------|--------|
| Water (evening schools \$38.64)..... | 872.37 |
|--------------------------------------|--------|

| | |
|-------------------------------------|----------|
| Gas (evening schools \$898.80)..... | 1,367.22 |
|-------------------------------------|----------|

| | |
|--|----------|
| Electric lighting (evening schools \$848.74) | 1,024.41 |
|--|----------|

| | |
|----------------------------|----------|
| Electricity for power..... | 2,684.62 |
|----------------------------|----------|

| | |
|--|--------|
| Repairs by Supt. Public Buildings..... | 698.16 |
|--|--------|

| | |
|-----------------------|--------|
| General repairs | 901.94 |
|-----------------------|--------|

| | |
|--------------------------|--------|
| Electrical repairs | 975.26 |
|--------------------------|--------|

| | |
|---|----------|
| Text books (evening schools \$393.18).... | 6,908.65 |
|---|----------|

| | |
|--|--|
| Writing books, stationery, etc., (eve. schools | |
|--|--|

| | |
|-----------------|----------|
| \$172.48) | 4,963.00 |
|-----------------|----------|

| | |
|--|-------------|
| Supplies for janitors..... | 2,002.01 |
| Material for sewing..... | 251.49 |
| Supplies for kindergartens..... | 311.50 |
| Supplies and apparatus, H. S. laboratories | 103.57 |
| Manual training supplies..... | 198.12 |
| Bills of Middlesex County, board of truants | 3,873.54 |
| Printing, (eve. sch. \$129.14)..... | 1,565.94 |
| Annual Report, printing 100 pages..... | 366.05 |
| Board of horses, carriage repairs, etc..... | 679.65 |
| New wagon..... | 143.00 |
| High School Regiment..... | 444.85 |
| Graduations (evening schools \$101.10).... | 658.97 |
| Medical Inspection supplies..... | 22.00 |
| Telephones | 81.66 |
| Manual training in grammar schools..... | 56.26 |
| Dental equipment..... | 735.10 |
| Examinations of candidates for teaching posi- tions | 100.00 |
| Industrial Schools..... | 10,230.17 |
| Miscellaneous | 904.96 |
| Total of bills, Industrial Schools omitted | \$52,358.91 |
| Total of bills, Industrial Schools included..... | 62,589.08 |
| Salaries and bil's, Industrial Schools omitted.. | 394,558.22 |
| Salaries and bills, Industrial Schools included | 420,983.57 |

Analysis of Industrial School Expenses

| | |
|---|-----------|
| Salaries of day school teachers..... | 12,042.97 |
| Janitors of day schools..... | 1,761.96 |
| | 13,804.93 |
| Salaries of evening school teachers | 1,790.00 |
| Janitors of evening schools | 600.25 |
| Total of salaries..... | 2,390.25 |
| Equipment and supplies | 10,230.17 |
| Expected reimbursement by State to cover period from Sept. 1911 to Dec. 1, 1912, | 11,275.26 |

School House Repairs

Expenditures by Lands and Buildings Department \$19,500.00

SCHOOL CENSUS

The number of children between five and fifteen years of age in September, 1912, was 14,750, — 223 less than in September, 1911.

The number enrolled in the public schools was 12,885, and the presumption is that practically all of the others were enrolled in private or parochial schools.

The census of children of school age from which these figures have been taken is required by statute; it is taken by the truant officers, with some help from the janitors, and appears to be the only means of reaching even an approximate estimate of the number, names, and residences of the children of school age.

RECEIPTS AND EXPENDITURES

A comparison of the total expenditure for 1912 with that for 1911 shows an increase of about \$19,000. Without going into minute details, attention may be called to an increase of \$12,000 on account of the industrial school, of \$4000 on account of the increase in the pay of janitors, of \$2000 in the fuel account, and of \$1000 for light and power; there are slight increases and decreases here and there but the great difference in the totals for the two years can be attributed to the amounts above enumerated.

The total amount received for the tuition of outside pupils and paid into the general treasury was \$13,442.71; the amount to be received from the State as its share of the maintenance of the industrial school for the year 1912 is about \$9000. If these amounts be deducted from the total charged up to the school department it will be seen that that total is considerably less than \$400,000.

The following table shows the amount per pupil in each school for text books and supplies.

| | Cost 1912 | Pupils 1912 | Average 1912 | Average 9 years |
|------------------------|--------------|----------------|-----------------|--------------------|
| High School | \$4,620 91 | 1173 | \$3 94 | \$3 96 |
| GRAMMAR SCHOOLS | | | | |
| Bartlett | \$400 28 | 417 | \$ 95 | \$1 45 |
| Butler | 789 53 | 641 | 1 23 | 1 38 |
| Colburn | 177 64 | 295 | 60 | 1 32 |
| Edson | 427 57 | 451 | 94 | 1 08 |
| Green | 640 78 | 419 | 1 52 | 1 29 |
| Greenhalge | 398 18 | 325 | 1 22 | 1 93 |
| Highland | 612 96 | 495 | 1 23 | 1 27 |
| Lincoln | 392 58 | 462 | 85 | 1 31 |
| Moody | 284 56 | 381 | 74 | 1 02 |
| Pawtucket | 688 58 | 250 | 2 75 | 1 39 |
| Riverside | 114 87 | 93 | 1 23 | 1 03 |
| Varnum | 651 53 | 557 | 1 17 | 1 10 |
| Washington | 258 48 | 200 | 1 29 | |
| Totals | \$5,837 54 | 4986 | \$1 17 | \$1 29 |
| PRIMARY SCHOOLS | | | | |
| Agawam | \$ 32 48 | 89 | \$ 36 | \$ 39 |
| Ames | 37 45 | 136 | 27 | 36 |
| Bartlett | 41 00 | 209 | 19 | |
| Billings | 111 78 | 142 | 78 | 47 |
| Cabot | 15 71 | 83 | 19 | 42 |
| Central | 59 09 | 136 | 43 | 42 |
| Charles | 69 20 | 154 | 45 | 47 |
| Cottage | 40 23 | 103 | 39 | 38 |
| Carter | 46 96 | 168 | 28 | 37 |
| Cross | 48 36 | 66 | 73 | 62 |
| Dover | 41 10 | 121 | 34 | 43 |
| Eliot | 29 83 | 131 | 22 | 42 |
| Franklin | 57 00 | 133 | 42 | 45 |
| Greenhalge | 10 69 | 105 | 10 | 37 |
| Howard | 105 54 | 136 | 77 | 71 |
| Kirk | 32 38 | 64 | 50 | 37 |
| Lakeview | 90 08 | 143 | 63 | 56 |
| Lexington | 29 47 | 26 | 1 13 | 92 |
| London | 31 60 | 125 | 25 | 46 |
| Lyon | 89 23 | 190 | 47 | 96 |
| Lincoln | 40 15 | 84 | 47 | 41 |
| Morrill | 22 05 | 97 | 22 | 82 |
| Middlesex | 51 27 | 112 | 45 | 73 |
| Moody Street | 55 22 | 173 | 32 | 49 |
| Oaklands | 27 58 | 77 | 35 | 36 |
| Pine | 63 75 | 120 | 53 | 49 |
| Pond | 39 59 | 164 | 24 | 24 |
| Powell | 47 21 | 96 | 49 | 41 |
| Laura Lee | 113 55 | 227 | 50 | 41 |
| Riverside | 25 00 | 87 | 28 | 21 |
| Tenth | 36 70 | 140 | 26 | 25 |
| Colburn | 26 53 | 142 | 18 | 31 |
| Weed | 49 80 | 83 | 60 | 27 |
| West Sixth | 48 58 | 147 | 33 | 42 |
| Worthen | 19 07 | 98 | 19 | 36 |
| Totals | \$1,685 23 | 4307 | \$ 39 | \$ 45 |
| Kindergartens | 352 46 | 391 | 90 | 1 00 |
| Totals for all schools | \$12,496 14 | 10,857 | \$1 15 | \$1 15 |

SCHOOL HOUSES

When we come to the general consideration of the school houses in the City of Lowell we find a rather interesting, not to say peculiar, state of affairs. According to the facts set forth in the summary on page twelve of this report, fifty-three buildings are occupied by day schools, and the number of school rooms in actual use is three hundred six; these figures show an average of less than six rooms per building.

If we take the buildings used for the high school and, in addition to them, seven other large school buildings, a total of nine school buildings in all, we shall have remaining forty-four buildings, with 171 rooms; here, then, we have forty-four school buildings which show an average of less than four rooms.

On the score of economy alone, taking into consideration the care and heating of the buildings and fixed or overhead charges generally, this plan of housing children, which has grown up during a long term of years and without a far-seeing or comprehensive scheme, is wasteful.

On the score of efficiency and the administration of the school department in such a way as to get the best possible results from the money expended, such scattering of children at so many points throughout the city has practically nothing to recommend it.

If we had fewer and better and larger buildings, buildings, let us say, which would in almost every case accommodate five or six hundred pupils, supervision could be more regular and thorough, the grading of pupils could be adapted better to their needs, the problem of the backward child and the progressive one also could be treated better, and special classes, which we need greatly today, could be arranged and carried on.

Lowell is, all things considered, a very compact city and the distances within the different sections and even from one section to another are comparatively short; and there is no apparent need of so many small school buildings even if it were economical to continue to use them; much less, then, should

such a state of affairs be allowed to continue, since economy, efficiency and progressive school administration all argue against it.

Careful, comprehensive study of the school population, present school districts, and the conditions which are likely to prevail during the next ten or twenty years would lead to the adoption of a large and coherent plan for the proper housing of the school children of Lowell; and such a plan would be in reality a saving and economical one for the city, particularly when we consider to what an extent a large amount of discarded property would contribute toward the cost of new buildings, while the decreased cost of maintenance and tuition, on account of better and more compact grouping and classification, would go a long way toward meeting the expense of making the change.

It is safe to say that there is no question of municipal administration today which is more important; the question should be taken up and investigated thoroughly, because the development and the progressive administration of the school system depend upon it to a very high degree.

SCHOOLS AND TEACHERS

Only three changes have been made in school rooms during the year. One primary room at the Morrill School was taken to meet the needs of the Industrial School; a primary room was opened at the Washington School; the kindergarten at the Lincoln School was discontinued and the room was given over to the grammar grades.

The following data concern changes in the roll of teachers:

RESIGNED

| | Term of Service |
|---------------------------|-----------------|
| Lizzie S. Lowe..... | 55 years |
| Anna W. Devereaux..... | 19 years |
| Blanche A. Cheney..... | 16 years |
| M. Josephine Donehue..... | 12 years |

| | |
|----------------------------|----------|
| Annie T. Delay..... | 12 years |
| Etta Foye..... | 11 years |
| Joanna V. Hoar..... | 11 years |
| Edith Kelley..... | 4 years |
| Mary E. Cassidy..... | 4 years |
| M. Alice Mather..... | 2 years |
| Edward J. Clark, M. D..... | 2½ years |
| Arthur W. Trubey..... | 1 year |
| Harland Miller..... | 7 months |

TRANSFERED

Mary C. Timmons, from the Edson to the Ames street.
Alice O. Stickney, from the Billings street to the Edson.
Flora A. Owen, from the High to the Moody.
Mary T. Whelley, from the Morrill to Cabot street.
Ida J. Clarke, from the Cabot street to the Greenhalge Primary.
Susan F. Burbank, from the High to the Edson.
Myrtle M. Killpatrick, from the Lincoln to Washington Primary.
Esther M. Downing, from the Lincoln to the Industrial.
Olive J. Palm, from the Washington to the Pawtucket.
Elizabeth G. Common, from the Pawtucket to the Washington.
Etta M. Smith, from the Riverside to the Billings street.
Ruth Crowell, from the Billings street to Riverside Primary.
Kate F. Murphy, from Ames street to Lyon street.
Etta M. Smith, from the Billings street to the Riverside.
Ruth Crowell, from the Riverside to the Billings street.

ELECTED

Mary C. Joyce, to the High School.
Margaret A. Teague, to the High School.
John H. Burns, to the High School
William M. Collins, M. D. Medical Director in the High School.
Thomas Doyle, Military Instructor in the High School.
Frances L. Masterson, to the High School.
Margaret M. Cassidy, to the High School.

Joseph G. Pyne, to the High School.
 Alice T. Lee, Supervisor of Primary Grades.
 Esther M. Owens, Assistant Teacher in Sewing.
 Patrick J. Reynolds, Principal of Riverside School.
 Timothy H. Reardon, to the Industrial School.
 Charles J. Rodgers, to the Industrial School.
 Joseph O'Donoghue, to the Industrial School.
 Esther G. Donlan, to the Industrial School.
 Delia F. Briscoe. Carrie L. Brown.
 Emma M. Graham. Vera E. Groves.
 Gertrude B. McQuade. Annie L. McKissock.
 Mary A. McCue. Martha R. Taylor.

An examination of candidates for teachers' certificates of the third grade was held on June 29, 1912. Fifty candidates presented themselves for the examination and as a result of this examination twenty-seven candidates were placed upon the list of permanent substitutes. Two of this number did not avail themselves of the privilege of going on the eligible list and a third candidate, after serving for a brief time as a substitute, obtained a leave of absence for the purpose of further study.

These permanent substitutes have been in constant employment since the opening of the schools in September as substitutes for regular teachers, as assistant teachers in rooms where the numbers were unusually large, or as teachers of groups or small classes of backward children.

Pupils by Grades

| Kind'tens | Males | Females | Total | Per Cent. | Grade | Males | Females | Total | Per Cent. |
|-----------|-------|---------|-------|-----------|-------|---------|---------|-------|-----------|
| | | | | | | | | | |
| Grade 1, | 770 | 754 | 1524 | *11 | " | 8, 237 | 266 | 503 | *9 |
| " 2, | 654 | 576 | 1230 | *14 | " | 9, 211 | 236 | 447 | *17 |
| " 3, | 546 | 520 | 1066 | *13 | " | 10, 196 | 196 | 392 | |
| " 4, | 555 | 523 | 1078 | *15 | " | 11, 159 | 177 | 336 | *9 |
| " 5, | 466 | 428 | 894 | *15 | " | 12, 120 | 163 | 283 | +12 |
| " 6, | 397 | 395 | 792 | *11 | " | 13, 92 | 120 | 212 | +13 |

*Decrease

†Increase

HIGH SCHOOL

The high school graduated a class of 223 in June and there was an entering class of 426 in September. Of this class 316 were from grammar schools, 64 from parochial schools, 39 from adjoining towns which possess certificate privilege, and 7 were admitted by examination.

The grammar schools promoted 419 pupils to the high school, of whom 316 or 75 per cent. entered the high school in September. The average age of the entering class was 14 years 8 months.

The graduation exercises were held in Keith's Theatre on June 26. The program of the occasion, with the names of the graduates, the names of the Carney medal scholars, and the names of the students who were awarded honorable mention, follows.

- | | | |
|---|--|-------------------------------|
| 1 | OVERTURE Morning, Noon, and Night Sheehan's Pawtucket Orchestra | Suppe |
| 2 | CHORUS Hail to the Chief Boat Song from "The Lady of the Lake" | Prout |
| 3 | SALUTATORY An Ideal Woman Teresa Garland Lew | |
| 4 | BOYS' GLEE CLUB (a) Yachting Glee (b) The Bells of Shandon First Tenors: Messrs. Hillier, '12; Knapp, '12; Gardner, '12; Kerwin, '12; O'Brien, '12 Second Tenors: Messrs. Gillinson, '13; Hartford, '12; Grover, '12; Wells, '12; Johnson, '12 First Bass: Messrs. Leland, '12; Keyes, '12; Hazeltine, '12; Silk, '12; Safford, '12. Second Bass: Messrs. Leggat, '12; Wilson, '13; Duval, '13; Enwright, '12; Clark, '12. | Culbertson George B. Nevin |

- 5 CONCERT WALTZ Blue Danube Strauss
Sheehan's Pawtucket Orchestra

6 ADDRESS
Very Reverend Thomas I. Gasson, S. J.,
President of Boston College
Introduction by Dr. James B. O'Connor

7 GIRLS' GLEE CLUB
(a) Chorus of Angels, from "Eli" Sir Michael Costa
(b) Lift Thine Eyes, from "Elijah" Mendelssohn
First Sopranos: Misses Lagasse, '12; Hickey, '12; Shea,
'12; Donahoe, '12
Second Sopranos: Misses Richardson, '13; Badger, '12;
Weinbeck, '12
First Altos: Misses McDermott, '12; Conley, '12;
Green, '12.
Second Altos: Misses Thompson, '12; Egan, '12;
Lew, '12.

8 PRESENTATION OF CLASS GIFT
Loring Russell Kew
ACCEPTANCE,
Mr. John C. Farrington,
President of School Board

9 PRESENTATION OF LOWELL HISTORICAL SOCIETY PRIZES
For Best Historical Essays on the following subject:
"Lowell in the Civil War"
First Prize: \$10 in gold: Gladys Storm
Second Prize: \$5 in gold: Stanley Worth
Presented by Dr. Moses Greeley Parker

10 CHORUS, Soldiers' Chorus, from "Faust" Gounod

11 PRESENTATION OF CARNEY MEDALS
Honorable mention of those who have attained a
scholarship rank of 90 per cent
Mr. Arthur K. Whitcomb, Superintendent of Schools

- 12 SOLO The Sword of Ferrara Bullard
Horatius Bonar Leggat
- 13 GIRLS' GLEE CLUB
(a) The Woodpecker
(b) The Last Rose of Summer
- 14 VALEDICTORY The Greater the Service, the Greater
the Man
William Warren Noonan
- 15 BOYS' GLEE CLUB
(a) Mrs. Cosy's Boarding House J. C. Macy
(b) The Wise Old Owl
- 16 PRESENTATION OF DIPLOMAS
His Honor, the Mayor, James E. O'Donnell
- 17 CLASS ODE Air "Auld Lang Syne"
Words by Bertha Elzade Chapman
The time has come when we must go
From the school we hold so dear;
Both pain and happiness we know,
Now the parting day is here.

For well we know that days to come,
Whate'er of joys they bring,
Will ne'er be like those that have gone
On light and happy wing.

Our lives have been surrounded here
With watchful, loving care;
With kind and faithful teachers near,
Our burdens few to share.

Such friendships, too, as now abound,
The love of class-mates dear,
In after life will not be found,
To help us loads to bear.

No wonder, then, our hearts are sad
To leave these friends so dear,
Whose loving hearts and friendly ways
Have made us happy here.

But happiness on sadness dawns,
On this great day of ours,
For, though the roses have their thorns,
The thorns, in turn, have flowers.

We always have been taught to feel
That, if the race we'd run
And finish with an earnest zeal,
The reward was sure to come.

So, now that this small vict'ry's won,
If we have done our best,
We'll face our lives with courage strong
And leave with God the rest.

18 FINALE Holy Cross Commandery
Sheehan's Pawtucket Orchestra
Emil J. Borjes, Director

Bagley

GRADUATES

Five Years' Course

| | |
|----------------------------|------------------------|
| Bush, Gertrude Ellen | Emerson, Mildred |
| Davis, Myrtle Adela | Estes, Dorothy |
| Field, Winthrop Brooks | Dodge, Harold French |
| Gardner, Kenneth Alexander | Jones, Charles Everett |

Four Years' Course

| | |
|-----------------------------|-----------------------------|
| Bennett, Rose Edith Frances | Dillon, Mary Louise |
| Boyle, Martina Lucille | Donohoe, Marghretta Agnes |
| Braley, Anna Eliza | Draper, Etta May |
| Brooks, Helen | Durkin, Lilla Veracunda |
| Bull, Leila Sawyer | Flynn, Nettie Mary |
| Burrows, Gertrude May | Frawley, Jennie Teresa |
| Caddell, Mary Elizabeth | Greene, Lillian |
| Callahan, Ella Rose | Greene, Susie Mae |
| Caster, Ida Mathilda | Grimard, Helen Marie |
| Chapman, Bertha Elzade | Gruber, Winifred Helen |
| Chase, Susan Emma | Harris, Martha Haynes |
| Choate, Irene Estelle | Harrison, Mary Florence |
| Conley, Luella May | Hickey, Helen Elizabeth |
| Concannon, Mary Frances | Humphrey, Dorothy |
| Cullinan, Rose Frances | Johnston, Jane Thecla |
| Cummings, Gladys Mary | Kenney, Catherine Veracunda |
| Daggett, Mildred Maude | Keyes, Annabelle Veronica |
| Kivlan, Martha Louise | Rowell, Bessie Eva |
| Lagasse, Bertha Dorothy | Shay, Clara Maybelle |
| Lew, Teresa Garland | Shea, Mary Beatrice |
| Libby, Blanche Josephine | Sheehan, Alice Agnes |
| Lewitzky, Anna Dora | Sherburne, Ada Louise |
| Lougee, Leona Lois | Simpson, Marion |
| Lowney, Louise Viola | Spaulding, Nellie Edna |
| Lynch, Helen Louise | Stewart, Anna Elizabeth |

| | |
|-------------------------------|------------------------------|
| Mack, Alice Helen | Storm, Gladys |
| Mevis, Gladys Winifred | Streeter, Beryl Vera |
| Morrison, Fannie Tolmie | Sturtevant, Mildred Anna |
| Mullaney, Anna Marie | Sullivan, Grace Louise |
| McCarthy, Helen Grace | Sunbury, Gladys Ruth |
| McDermott, Teresa | Swann, Marion Alice |
| McDonald, Hazel Agatha | Thistle, Anna May |
| McLoon, Alice Angie | Thompson, Margaret Adelia |
| McMaster, Marion Ella | Thumm, Emma Carolina |
| McQuesten, Alberta Mead | Trombly, Beatrice Viola |
| Nelson, Bertha Holbrook | Walker, Flora Henrietta |
| O'Donnell, Marie Josephine C. | Walsh, Irene |
| O'Donnell, Katherine Mary | Wehinger, Viola May |
| O'Neil, Mary Teresa | Weinbeck, Gertrude |
| Peard, Mary Osman | Weinbeck, Hazel |
| Phelps, Marion Frances | Wiggin, Emily Nutting |
| Polk, Edith Prudence | Wiggin, Ethel Harriett |
| Richards, Esther Josephine W. | Wilson, Natalie |
| | Woodworth, Elizabeth |
| Barrett, William Francis | Clark, Dana Edward |
| Bennett, Horace Ralph | Cressy, Fred |
| Black, John Edward | Desmond, Cornelius Francis |
| Brennan, Harry Patrick | Dick, Wong |
| Caldwell, Harold Nute | Dow, Paul Elliott |
| Callahan, Frank Wesley | Dows, Harold Winthrop |
| Dragon, Wilmer Albert | Lareau, Henry Charles |
| Echmal, John Gregory | Lunan, Karl Sheppard |
| Edgar, Herbert Holdsworth | Markham, James Edward |
| Erdis, Robert MacDougall | Markham, John Francis |
| Fisher, Austin Lowell | Mellen, Earl Rufus |
| Fletcher, Ralph Andrew | Noonan, William Warren |
| Greene, Louis Abe | Perlman, Samuel |
| Grover, Luther Prescott | Phelps, George Arthur |
| Haggerty, George Francis | Quill, Percival James |
| Harris, Ira | Redding, William |
| Harrington, James Place | Richardson, Wilbur Sylvester |

| | |
|-----------------------------|----------------------------|
| Hartford, Christopher Wells | Safford, Laurance Frye |
| Hillier, Charles Henry | Safford, Wallace Francis |
| Howarth, Charles Lincoln | Sherburne, Maxwell Gardner |
| Hunnewell, Myron Theodore | Silk, Percy Bysshe Shelley |
| Kerrigan, Arthur John | Sokolsky, Henry |
| Kew, Loring Russell | Stearns, Edmund |
| Keyes, Paul | Sylvester, Harry Lysle |
| Kirby, Donald Taylor | Trubey, Clarence Arthur |
| Knapp, Oliver Linwood | Wells, Roy Frederic |
| Worth, Stanley | |

Three Years' Course

| | |
|--------------------------------|-----------------------------|
| Alexander, Grace Marie Jeanne | Gardner, Clara Dorothy |
| Anderson, Cora Evelyn | Gagne, Blanche May |
| Badger, Helen Marguerite | Gulline, Florence |
| Byrne, Lillian Laurie | Hansen, Marguerite Hazel |
| Clough, Alice | Hunter, Florence Jessie |
| Cummings, Helen Dorothy | Irvine, Frances Rose |
| Cryan, Mary Elizabeth | Kelley, Alice Elizabeth |
| Cusick, May Agnes | King, Mary Ellen Alicia |
| Delaronde, Beatrice Angelina | Laporte, Aldia Marie |
| Ducharme, Robea Elizabeth | Lavigueur, Yvonne Katherine |
| Lyons, Florence Elizabeth | Smith, Ruby Gertrude |
| McPhadden, Alice Cecilia | Somers, Hyacinth Gertrude |
| Noonan, Veronica Mary Patricia | Snyder, Carrie Cornelia |
| Ort, Emmaline Katherine | Staples, Bernice Lillian |
| Palmer, Viva Althea | Spencer, Helen Florence |
| Quinn, Theresa Estelle | Taber, Alice Naomi |
| Read, Lillian | Wentworth, Edna May |
| Riley, Alice Margaret | Welch, Mary Rose |
| Riley, Helen Frances | White, Irene Bertha |
| Rowe, Annie Hulme | Whelan, Mary Evangeline |

| | |
|----------------------------|------------------------------|
| Brunelle, Lucien Rodrique | Higgins, Francis Charles |
| Cawley, James Howard | Johnson, Alger Goddard |
| Cogswell, Russell James | Kerwin, Arthur Daniel |
| Costello, Ralph Ellsworth | Leggat, Horatius Bonar |
| Dean, Eugene Francis | Leighton, Walter French, Jr. |
| Enwright, Harry Aloysius | Leland, Harold Leander |
| Egan, Francis Aloysius | McCarthy, Henry James |
| Everett, Kenneth Charles | McElroy, Robert Grant |
| Fletcher, Harry Clark | McKinnon, Donald Cuyler |
| Frost, Charles Waller | Mollahan, Joseph Patrick |
| Gallagher, James Joseph | O'Neil, Walter Edward |
| Garneau, Arthur E. | Rostler, Sigmund Eli |
| Gionet, Arthur Wilfred | Sherman, Alden Wool |
| Goodell, Josiah Butler | Sherman, Roger |
| Harvey, Wendell Phillips | Smith, Rothwell Everett |
| Hazeltine, Guy Edgar | Taber, Thomas Reed |
| Heller, William Charles | Torpey, Henry Kane William |
| Willett, Raymond Archibald | |

Carney Medal Scholars

| | |
|--------------------------|---------------------------|
| Teresa Garland Lew | William Warren Noonan |
| Ada Louise Sherburne | Percival James Quill |
| Robea Elizabeth Ducharme | Maxwell Gardner Sherburne |

Honorable Mention for Scholarship

Marion Martin, Class of 1911

| | |
|---------------------|---------------------------|
| Gertrude Ellen Bush | Kenneth Alexander Gardner |
| Dorothy Estes | Alice Naomi Taber |
| Harold French Dodge | Margaret Adelia Thompson |
| Henry Sokolsky | Charles Everett Jones |

Honorable Mention for Attendance

| | |
|-------------------------------|--------------------|
| Florence Gulline | Viva Althea Palmer |
| Teresa Garland Lew | Irene Walsh |
| Veronica Mary Patricia Noonan | Karl Lunan |

INDUSTRIAL SCHOOL

There is no question today which is receiving more and sharper attention in the school world than that of industrial education or vocational training. It is the belief today of educators and of thoughtful men and women generally that the schools must perform a great and specific work in training boys and girls for useful and profitable occupations. The State has taken the matter up actively and as a result the industrial school movement is well under way.

The Lowell Industrial School was opened in September, 1911, with a membership of 159—106 boys and 53 girls.

At the beginning of the school year in 1912, 68 boys and 29 girls returned for a second year of advanced work, and 90 boys and 68 girls entered the school as new pupils.

Nine men and six women are employed as teachers at the present time and the various departments are reasonably well equipped for thorough and efficient training. The Old Bartlett school, and portions of the Morrill and Mann schools are employed in the work; but the time has come or is rapidly approaching when it will be necessary to provide a building which will satisfy properly the needs of this new and growing department of school work.

It might be wise to say once more that the State has offered to reimburse Cities for one-half the maintenance expense of vocational schools, "so long as they are approved by the Board of Education as to organization, control, location, equipment, courses of study, qualification of teachers, methods of instruction, conditions of admission, employment of pupils, and expenditures of money."

It is, then, needless to add that although the school committee of the City of Lowell have the direct control and

management of the school, have the right to elect teachers and prescribe courses of study, the school must be so managed as to efficiency and the character of its work as to receive the approval of the State's agents; if the school, by reason of unsatisfactory results or the incapacity of its teachers, should fail to receive this approval the city will lose one-half the expense of maintaining the school.

On account of the newness of the school it might not be amiss to reprint in this report much that was set forth in the circular which was published at the time of the opening of the school.

LOWELL INDUSTRIAL SCHOOL FOR BOYS.

This school will give preliminary training for boys in the following trades: Carpenter, architectural draftsman, cabinet maker, machinist, mechanical draftsman, electrician, engineer, automobile repairer.

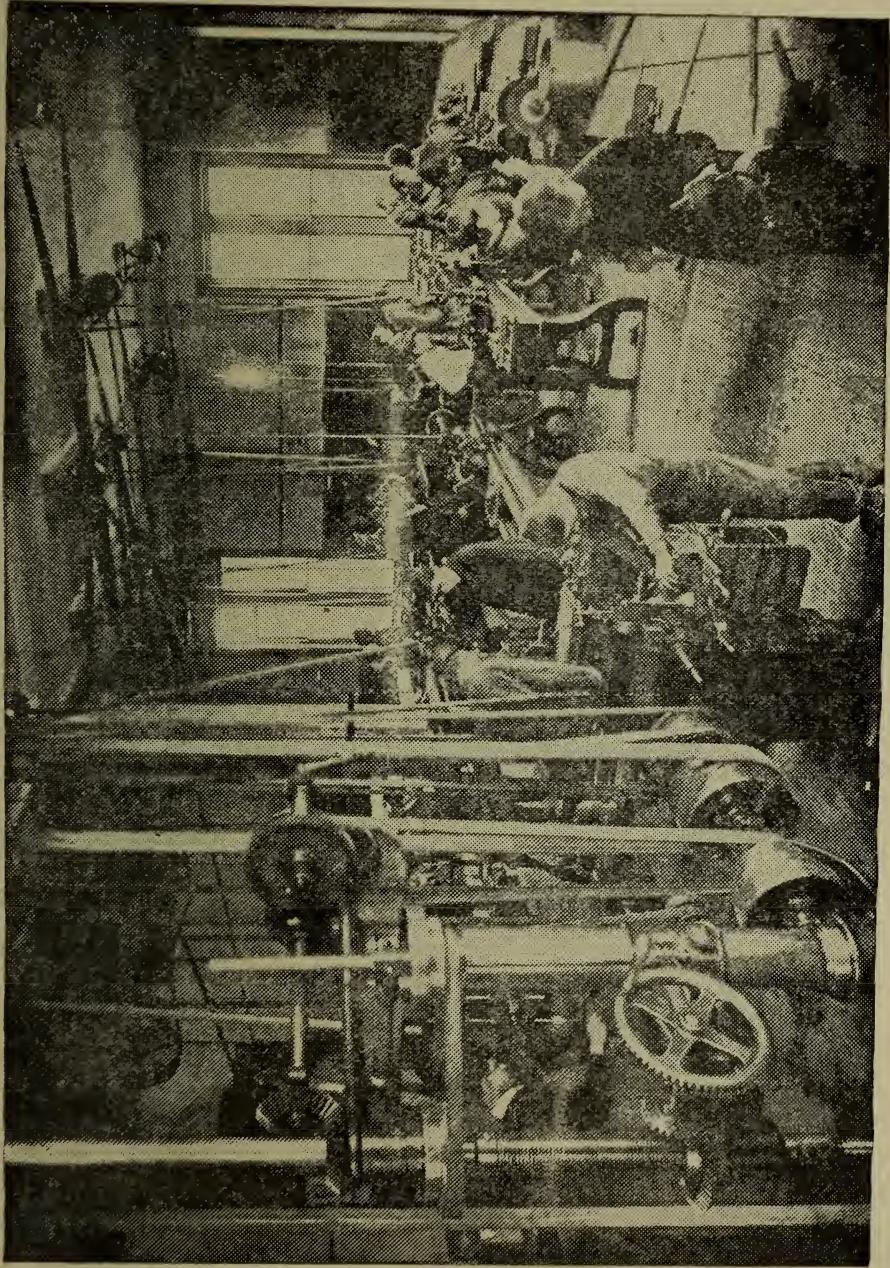
Carpenter.—The course providing training for the trade of carpenter will consist of shop practice and science, study of building materials, architectural drawing, mathematics, English and civics.

Architectural Drawing.—This course differs from the carpenters' course in having much of the shop work replaced by work in the drafting room, on building construction.

Cabinet Making.—This course differs from the carpenters' in having more time devoted to office furniture, etc., than to the building trade work.

Machinist.—This course, in addition to English and civics, includes machine shop work, with related mathematics, study of materials, drawing, and some work in steam and electricity. The shop work will consist of practice in the usual operations common to machine shop work.

MACHINE SHOP CLASS



Mechanical Draftsman.—The mechanical draftsman course will be similar to the machinists' course with much less shop work and more practice in the drawing room on machine shop work.

Electrician.—This course will deal with practical and theoretical electricity, and will include electric wiring, building motors, winding armatures, testing and repairing circuits, and practical experience in the electric power station, etc. In addition there will be special mathematics applied to electrical work, and English and civics will be taught.

Engineer.—This course deals with the theory and practice of steam work. It includes in addition English and civics, some machine shop practice, and mathematics.

Automobile Repairing.—The automobile repairing course will consist of work similar to that of the machinists' course, with special shop work on the automobile and the study of its operations. Machines are brought to the school, overhauled, repaired and put in running order by the students.

English.—The aim of teaching English in this school is to train the boy to speak and write the language with clearness, accuracy and conciseness, especially in relation to the affairs of everyday life. The material used for practice in this work will be taken from the experiences of the pupil in the shops, and in their out-of-school life. A portion of the work will deal with the proper use of technical terms, descriptions of machines, apparatus, etc., and in the later portions of the course pupils will be required to visit various mechanical plants, of which to make a written description, and to report other events which may be of interest. Special effort will be made to cultivate the reading of good books.

Industrial History, Civics and Citizenship.—A brief review of the past from the standpoint of the relation of the industrial producer to the general community, together with some detailed study of the development of the mechanical and industrial arts as civilization has progressed.

The civics will deal, in general, with the study of the rights and obligations of a citizen under our form of government.

The courses of study are planned with the following conditions in mind: That while the school will offer a three years' course in the useful arts, it recognizes the fact that many children cannot afford to give much time to education beyond fourteen years of age. Hence the work is planned so that the work of each year is, so far as it goes, complete in itself; that nothing is taught on the theory that it will be of value at some later period in the course, and so that at whatever time the pupil leaves the school he will have had, up to that time, the best preparation which the school can give.

The teachers are all experts in their respective lines. The trades are taught by experienced mechanics, and the atmosphere of the school is more "shoppish" than bookish."

Equipment.—The school has an excellent up-to-date equipment in all departments.

No boy will be admitted unless his record shows him to be of good character and that he sincerely desires a practical education. It is expected that when a boy enters the Industrial school he enters with a firm purpose to devote his best efforts to his work, and no boy will be tolerated who does not show inclination to do what is right.

LOWELL INDUSTRIAL SCHOOL FOR GIRLS.

This school is organized for the training of girls for life activities and duties; to give them a training in the branches of knowledge and the trades that are most useful in gaining a livelihood. To meet these requirements, the Industrial school offers courses in housekeeping, dressmaking and power machine work.

Housekeeping Course.—The housekeeping course includes everything that makes and keeps a house in good condition to live in, and to get a hundred cents' worth out of every dollar spent for food and clothes. It will include English, history, civics, home arithmetic, cooking, hygiene, dressmaking, laundry work and care of furniture.

Dressmaking Course.—This course is planned to fit a girl for the dressmaking trade and is similar to the Housekeeping Course, only that more time is devoted to dressmaking and it is more of a commercial character. In addition, design and color, salesmanship and textiles will be taught, preparing the girl for the sales' department of a dry goods store.

Power Work Course.—This is similar to the Dressmaking Course, only that considerable time is devoted to practice on a power machine.

Arithmetic in relation to: I. Dressmaking—Millinery. II. Personal expenditure. III. Household. IV. Business.

English.—I. Correction and improvement of everyday speech. II. Personal and business correspondence. III. Cultivation of a taste for reading. IV. Use of typewriter.

Civics and History.—Study of local history and government. Study of history applied to the needs of the pupils.

Textiles.—Study of Fabrics: I. Name.* II. Cost. III. Durability. IV. Uses.

Design.—Art as applied to a woman's clothing: I. Color. II. Line. III. Fabric. IV. Appropriateness.

Home Furnishing.—Selection of furniture in relation to: I. Beauty. II. Economy. III. Suitability.

Cooking.—Economy and management of the kitchen. I. Plain cooking. II. Food values. III. Simple menus. IV. Serving.

Conditions of admission to either of these schools are simply residence in Massachusetts and an age of fourteen or more years. For pupils not living in Lowell a tuition charge of \$100 is made against the town in which the pupil resides, but the schools are absolutely free of expense to the student in any case. Of the amount charged to towns one-half is paid by the State.

All the courses of the boys' school are planned for three years, two sessions a day, five days a week. The girls' courses are two years in length, sessions from 8.30 a. m. to 2.30 p. m. three days a week, and from 8.30 a. m. to 1.30 p. m., two days a week. These two afternoons are shortened so that the girls may use at home the things which they have acquired and may receive visits from their teachers.

Following is a list of some of the more important machines, tools and other items of equipment of the day schools to date:

Machine Shop Department.—Eleven engine lathes, four speed lathes, one small planer, one large planer, two small shapers, one plain milling machine, one universal milling machine, one large upright drill press, two medium upright drill presses, one multiple drill press, two power hacksaws, one belt lacing machine, set of large scales, one wet grinder, one

emery wheel stand, twenty-three vises, seven forges, six anvils, one annealing gas furnace, one gas drop forge, and one blower. Miscellaneous machine tools for a class of thirty-five.

Drawing Room Equipment.—Equipment for class of seventy-two, including tables, paper, instruments and equipment for blue-printing.

Wood Working Department.—One small planer, one combination saw table, one band saw, five pattern maker's lathes, one grindstone, full equipment of saws, vises, and tools for forty boys.

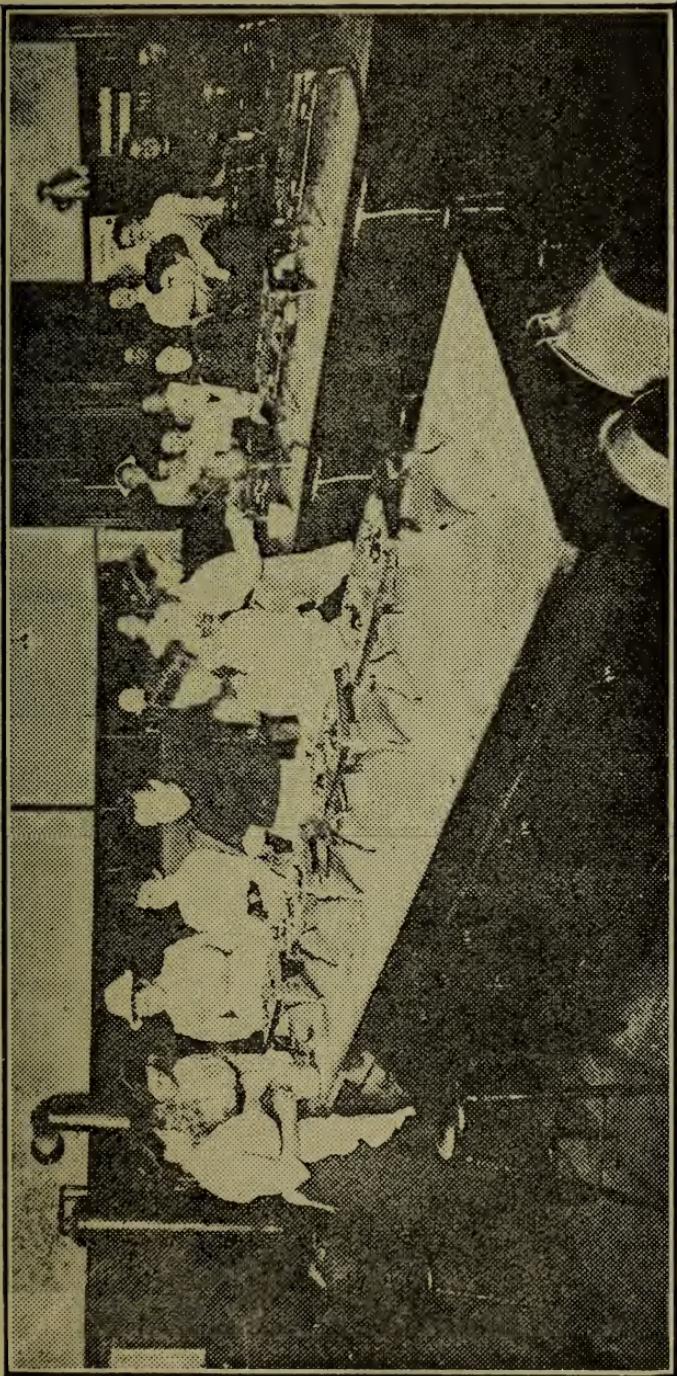
Electrical Department.—A motor, generator set, plumbing outfit for soldering, and other power attachments.

Automobile and Steam Department.—An automobile for demonstration and repair work, magneto, and all the parts that make up an automobile. Horizontal boiler, vertical boiler, pumps of all kinds, and boiler parts.

Housekeeping.—A large coal range with gas stove attachments, one coal range, gas stove, large ice chest, soapstone sink, tables, and kitchen supplies for fifty girls.

Dressmaking Department.—Cutting tables, fitting room with mirrors, forms of different kinds, foot-power and high-speed machines. Individual equipment for twenty girls, including scissors.

COOKING CLASS—EVENING SCHOOL



VOCATIONAL EVENING SCHOOLS

Early in October evening classes were organized in all the courses of the day schools. To secure State approval vocational evening schools must restrict their privileges to those persons who are more than seventeen years of age and who are employed during the day at work to which their evening instruction will relate. In other words, such schools are for the purpose of rendering industrial workers more efficient in trades in which they are already employed and they are not at all intended to teach trades to the unemployed or the unskilled.

Of boys, those who could be accepted numbered 160, and of girls there were 800. The latter were divided into five divisions, and each was given one lesson a week. The boys, being less numerous, were given two lessons a week. The day teachers serve two evenings a week, and their teaching has been supplemented by the employment of eleven more men and fifteen more women for evening teaching, making a total of 20 men and 21 women. Great interest has been shown by all the classes, and the attendance has been excellent.

In addition to the foregoing one evening class has been formed which has no counterpart in the day schools. In response to a petition of the master plumbers of the city a course in plumbing was opened for their apprentices. An average class of fifteen has been maintained during the year.

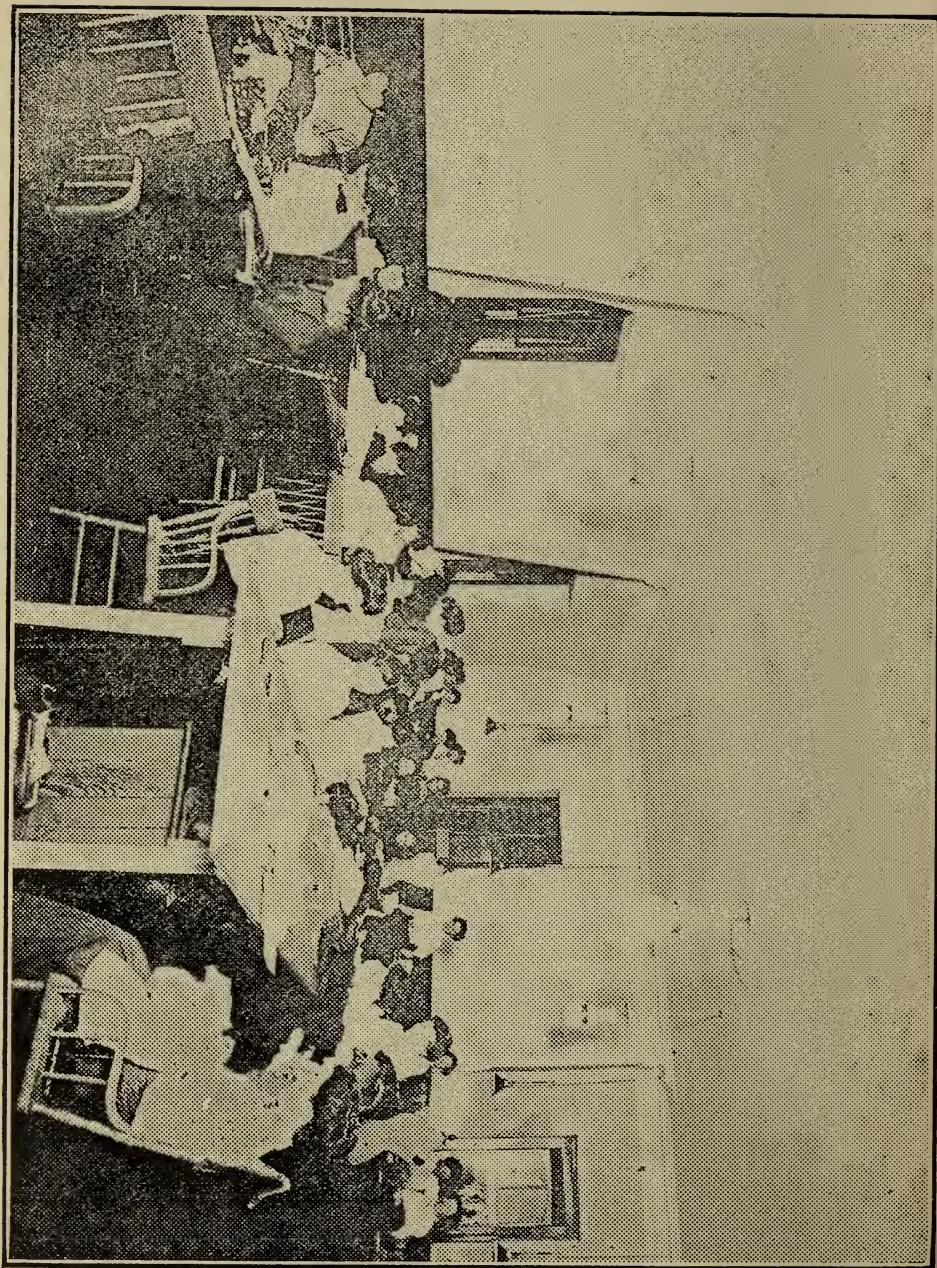
TEXTILE EVENING SCHOOL

The city of Lowell is fortunate in having a Textile School so good as to have no equal in this, or any other, country. On this account there seemed to be no occasion to offer industrial courses, either day or evening, in textile branches, and none

were planned when the schools opened in September. Later however, there came a very insistent demand from mill men for evening courses in textiles. It was held that the textile industry is the largest in Lowell, and that if schools are to be opened to add to the efficiency of any workers, then those in textiles should receive first rather than second consideration. The teaching asked for in a new school was of a kind too elementary to be undertaken by the chartered school, so that there would be no competition or division of interest between the two. As an earnest of their desire to co-operate, the mills offered to furnish and install all needed machinery if the city would provide a house for it and teachers for evening classes. The offer was accepted, the old Moody school building was opened; the mill men kept their word royally as to equipment; five teachers were engaged by the school committee, and evening classes were opened Dec. 4 as follows: Cotton Spinning; Elementary Weaving and Loomfixing for French operatives; Picker and Card Room Practice; Weaving and Loomfixing for Greeks; Weaving and Loomfixing for Portuguese; Mill Arithmetic. Attendance in each class has been as large as can well be taught by one man, 25 to 45, and the work seems to meet a real need. The equipment is excellent, its value amounting to about \$20,000.

Following is a list of some of the more important machines already in place:

One Kitson combination breaker and finisher picker, one set grinding rolls, one Lowell 40in. (1911) Cotton card, one Lowell Railway head, one Saco and Pettee Railway head, one Woonsocket Machine Shop Drawing frame, one Whiting comber—including comber, sliver lap and ribbon lap machines, one Woonsocket Machine Shop Slubber frame, one Woon-



DRESSMAKING CLASS- EVENING SCHOOL

socket Machine Shop Intermediate frame, one Woonsocket Machine Shop roving frame, one Fales & Jencks Spinning frame, one Fales & Jencks Twisting machine, wet and dry, one Spinning mule, one Easton and Burnham Spooler, one Saco & Pettee reel, one Universal Winding Machine Winder for cones, tubes winding, one Entwistle warper, one Mason plain loom, one Lowell plain loom, one Crompton-Knowles Up-to-date Magazine loom, two Crompton-Knowles Gingham looms, three motors, pulleys, shafting, etc. Miscellaneous machines, such as one Barlow knotter, one yarn reel one twist counter, etc.

MEDICAL SUPERVISION

Medical supervision of the schools was made compulsory by the State by the Acts of 1906, Chapter 502, and in March 1909, nine physicians were elected by the school committee as school physicians, to each of whom a district was assigned. The inspection of the schools by these physicians is a very important work, and when one considers how far-reaching is the effect on the general health of the community of precautionary and preventive measures among the school children it is easy and proper to assume that the value of the work of the school physician cannot be readily estimated.

The names of the physicians and of the schools in charge of each follow:

Dr E. O. Tabor: Lincoln, Laura Lee, Howard St., Eliot.

Dr. W. G. Eaton: Highland, Washington, Powell St., Dover St., Pine St., Middlesex Village.

Dr. A. R. Gardner: Pawtucket, Greenhalge, Lakeview Ave., New Moody St., Lexington Ave.

Dr. Geo. Lavallee: Varnum, Billings St., West Sixth St., Tenth St.

Dr. J. J. Cassidy: Green, Charles St., Worthen St., Kirk St., Cabot St., Cottage St., and Industrial for Boys.

Dr. C. M. Roughan: Moody, Pond and High St., Sycamore St., Riverside, Agawam St.

Dr. J. F. Boyle: Butler, Lyon St., Carter St., Weed St., London St.

Dr. M. J. Long: Colburn Gr. and Pri., Ames St., Edson, Central St.

Dr. J. A. Mehan: Bartlett, Franklin, Morrill, Cross St., Industrial for Girls.

Rules of the school committee governing the work of school physicians were printed in the school report of 1909.

The work of the school physicians is supplemented to a very important and valuable extent by that of the school visitor, Miss French, who devotes her time to the inspection of children in the schools, to administering or securing treatment for children who need it and to visiting their homes and advising and consulting with their parents.

SIGHT AND HEARING TESTS.

During each school year the sight and hearing of the pupils are tested by the teachers in accordance with rules which have been prepared by the State Board of Education.

The results of the examinations which were conducted during the fall term of 1912, are summarized in the following table:

| | Pupils Examined | Defective in Seeing | Per Cent. | Defective in Hearing | Per Cent. | Parents Defective | Notified |
|-----------------|-----------------|---------------------|-----------|----------------------|-----------|-------------------|----------|
| Primary Schools | 4144 | 370 | 8.9 | 65 | 1.5 | 267 | |
| Grammar Schools | 4747 | 551 | 11.6 | 92 | 1.9 | 464 | |
| High School | 1292 | 24 | 1.8 | 13 | 1 | 37 | |
| Totals, | 10,183 | 945 | 9.2 | 170 | 1.6 | 768 | |

SCHOOL SAVINGS BANKS

School savings banks were in operation at the close of the year in twenty-three of the elementary schools of the City. Aside from the fact that the sums on deposit to the credit of the various schools make a very considerable total, the effort on the part of the schools to inculcate a proper regard for thrift and the habit of saving is worthy of important consideration in any general plan for the training of children.

The table which follows gives the most suggestive data concerning school savings:

| Schools | Deposits Dec. 31, 1911. | Deposits Dec. 31, 1912. |
|----------------------------|----------------------------|----------------------------|
| Washington | \$195.88 | \$502.13 |
| Howard St. Primary | 84.42 | 229.66 |
| High St. Primary | 19.38 | 78.94 |
| Highland | 2,497.41 | 3,679.53 |
| London St. Primary | 63.94 | 158.17 |
| Pawtucket | 882.67 | 1,261.36 |
| Laura E. Lee Primary | 265.70 | 518.00 |
| Green | 1,050.30 | 1,954.17 |
| Varnum | 4,491.65 | 5,308.77 |
| Lincoln | 1,331.68 | 2,292.69 |
| Butler | 878.69 | 1,678.11 |
| Bartlett | 783.90 | 1,999.63 |
| Franklin Primary | 32.85 | 168.45 |
| Edson | 1,373.65 | 1,971.86 |
| Moody | 2,022.57 | 2,806.57 |
| Dover St. Primary | | 15.91 |
| Eliot Primary | | 68.20 |
| Middlesex Village | | 59.00 |
| Sycamore St. Primary | 52.18 | 189.98 |
| Tenth St. Primary | 640.79 | 970.41 |
| Colburn | 471.36 | 589.72 |
| Greenhalge | 1,868.85 | 2,246.35 |
| Riverside | 486.21 | 739.87 |

The accounts of the Colburn, Greenhalge and Riverside Schools are carried by the Lowell Five Cent Savings Bank, and the accounts of all other schools are carried by the Central Savings Bank.

EVENING SCHOOLS

Two classes of pupils are to be considered in connection with the question of evening schools, those who are compelled by law to attend school in order to remove conditions of illiteracy, and those who of their own accord wish to obtain further educational advantages.

It is not unlikely that the number of those who are compelled to attend evening school will decrease constantly in succeeding years; with respect to the others, those who attend voluntarily, it may be said that they do not attend in as large numbers as might reasonably be expected; and this lack of interest has been observed in cities where especial efforts have been made to interest them.

In a busy industrial centre many boys and girls are obliged to become wage earners at an early age, and it is unquestionably true that there is an enormous loss of value in these boys and girls owing to the fact that their school life has been unreasonably shortened.

Every reasonable means should be applied and every possible effort should be made to extend the education of boys and girls who have progressed sufficiently far in the day schools to place them outside the field of compulsory evening school attendance. It should need no argument to prove that pupils who are willing to attend evening school after the wear and tear of the day's labor should have the very best in an educational way that the city can afford. A city that is unwilling to have any but the best qualified teachers to instruct children in the day schools, where conditions generally are at their best, should demand at least as high qualifications in the teachers who are to instruct pupils under conditions which are largely unfavorable. Until the city has tried out the problem of the

evening elementary school under the very best possible conditions as to instructors, supervision, general equipment, and surroundings it cannot be said truthfully that the fullest use has been made of its opportunities along this line.

Evening schools must have it in them to attract and hold the youth of the city, and the impression should prevail generally that the methods, the teaching, and the work exacted in the evening schools are of as high grade as in the day schools.

The graduation exercises of the Evening High School were held March 19, 1912, in Associate Hall; there were 76 graduates.

Peter Joseph McKone, president of the class, presented a class picture, "The Horse Fair," and the acceptance was by Mr. Charles T. McKenzie, Chairman of the Committee on Evening Schools.

The address of the evening was by Hon. David I. Walsh, and the diplomas were presented by Hon. James E. O'Donnell, Mayor of the City.

Statistics of the evening schools, and the names of the high school graduates follow.

SUMMARY OF EVENING SCHOOL ATTENDANCE
For Term 1911-1912.

| SCHOOLS | Number of Rooms in each School | | | WHOLE NUMBER ON TIME BOOKS | | | AVERAGE NUMBER BELONGING | | | AVERAGE ATTENDANCE | | | Per cent. of Attendance | Graduates | Minors unable to read and write | | | |
|------------------|-----------------------------------|-----|-----|----------------------------------|---------|-------|--------------------------------|---------|-------|-----------------------|---------|-------|-------------------------|-----------|------------------------------------|--|--|--|
| | Teachers at beginning of Term | | | Males | Females | Total | Males | Females | Total | Males | Females | Total | | | | | | |
| | Teachers at close of Term | | | | | | | | | | | | | | | | | |
| High | 26 | 28 | 26 | 542 | 424 | 966 | 248 | 208 | 456 | 228 | 184 | 412 | 82 | | | | | |
| Butler | 6 | 6 | 5 | 80 | 56 | 136 | 61 | 38 | 99 | 40 | 28 | 68 | 70 | 19 | 2 | | | |
| Colburn | 6 | 7 | 8 | 109 | 68 | 177 | 100 | 50 | 150 | 80 | 40 | 120 | 80 | 15 | 51 | | | |
| Cabot St | 2 | 4 | 6 | | 92 | 92 | | 84 | 84 | | 73 | 73 | 79 | | 92 | | | |
| Edson | 6 | 9 | 7 | 145 | 57 | 202 | 90 | 42 | 132 | 72 | 34 | 106 | 80 | 12 | 31 | | | |
| Franklin | 5 | 6 | 5 | 167 | 23 | 190 | 59 | 18 | 77 | 49 | 12 | 61 | 68 | | | | | |
| Green—Girls' ... | 4 | 6 | 8 | | 221 | 221 | | 138 | 138 | | 127 | 127 | 92 | 7 | 125 | | | |
| Green—Boys' ... | 4 | 8 | 5 | 190 | | 190 | 73 | | 73 | 64 | | 64 | 87 | 1 | 88 | | | |
| Greenhalge | 4 | 7 | 6 | 150 | 78 | 228 | 71 | 36 | 107 | 54 | 31 | 85 | 79 | 13 | 37 | | | |
| Howard St..... | 1 | 2 | 1 | 64 | | 64 | 22 | | 22 | 14 | | 14 | 64 | | 40 | | | |
| Mann | 8 | 16 | 16 | 342 | | 342 | 262 | | 262 | 220 | | 220 | 84 | | 56 | | | |
| Old Moody | 4 | 4 | 4 | 57 | 59 | 116 | 39 | 51 | 90 | 20 | 41 | 71 | 78 | 1 | 101 | | | |
| Riverside | 2 | 3 | 3 | 62 | 18 | 80 | 45 | 13 | 58 | 32 | 8 | 40 | 69 | 2 | 2 | | | |
| Worthen St..... | 4 | 8 | 7 | 218 | | 218 | 118 | | 118 | 98 | | 98 | 83 | | 39 | | | |
| Totals | 82 | 114 | 107 | 2126 | 1096 | 3222 | 1188 | 678 | 1866 | 981 | 578 | 1559 | 83 | 70 | 664 | | | |

EVENING HIGH SCHOOL GRADUATES, 1912

Regular Course

| | |
|------------------------------|-----------------------------|
| Adams, Edward Newton | Barry, Lauretta Caroline |
| Bowen, James Joseph | Basnett, Emma Ellen |
| Burke, John Joseph | Farrell, Margaret Mary |
| Cohen, Hymen | Farrell, Catherine Veronica |
| Fitzgerald William Henry | Gilchrist, Catherine |
| Gourke, Thomas Aloysius | Gill, Jennie Veracunda |
| Hart, James Patrick | Gillespie, Jeannette Wylie |
| Hession, Stephen Christopher | Graffam, Mabelle Esther |
| Higgins, Thomas A. M. | Hall, Gertrude Marie |
| Kilroy, James Francis | Hurley, Elizabeth Mary |
| Lambert, Louis Edgar | Jones, Annie Louise Frances |
| Lane, William Francis | Kazanjian, Mary Elizabeth |
| Machon, Philip Winter | Kelly, Kathryn Lillian |
| Mahoney, John Francis | Le Bel, Valeda Mary |
| Maxwell, Joseph Henry | Moore, Helen Catherine |
| Meagher, John Joseph | McCarron, Anna Elizabeth |
| Michaud, Joseph Edward | McDermott, Agnes Mary |
| McCabe, Charles Francis | O'Connor, Estelle Gertrude |
| McKone, Peter Joseph | Reagan |
| McNulty, Francis Joseph | Owens, Harriet Clair |
| McQueen, Hugh | Quinn, Winnifred Veracunda |
| O'Neil, Paul William | Rochford, Helen Frances |
| Orte ^l , Charles | Steinberg, Ida Esther |
| Owens, Daniel Joseph | Sweeney, Helen Winifred |
| Patrick, John Aloysius | Toohey, Loretta Frances |
| Reynolds, James Joseph | Tweed, Alice Winifred |
| Ruckledge, Thomas Raymond | Whalen, Margaret Mary |
| Ryan, Matthew Anthony | Tivey, Harold Edward |

Sexton, Thomas Patrick Welsh, George
 Shore, Raymond Zachariah Wholey, Daniel Aloysius
 Spillane, William Joseph Wilde, Harold Jacob
 Sweeney, Felix George Willis, Percy Lorenzo
 Yates, Edward Arthur

Bookkeeping Course

Condon, James Patrick Cullen, Mary Cecilia
 Hayes, William Joseph Lamb, Catherine Aloysia
 Soule, Grace Mildred

Stenography Course

Jones, Leo Lincoln Caddell, Ruth McKay
 McGarry, John Aloysius Carroll, Mary Alice
 Furey, Delia Treasa Dunn, Anna Louise
 Kennedy, Helen Catherine

EVENING DRAWING SCHOOL

Term of 1911-1912

| CLASSES | ROOMS | WHOLE NUMBER ON TIME BOOKS | | AVERAGE NUMBER BELONGING | | | AVERAGE ATTENDANCE | | | Percent of Attendance |
|----------------|-------|----------------------------------|---------|--------------------------------|-------|---------|-----------------------|-------|---------|-----------------------|
| | | Males | Females | Total | Males | Females | Total | Males | Females | |
| Machine | 2 | 6 | 4 | 67 | | | 56 | 50 | 50 | 90 |
| Architectural | 1 | 3 | 3 | 51 | | | 38 | 25 | 25 | 66 |
| Free-Hand | 4 | 9 | 7 | 86 | 120 | 206 | 63 | 89 | 152 | 79 |
| Totals..... | 7 | 18 | 14 | 204 | 120 | 324 | 157 | 89 | 246 | 129 |
| | | | | | | | | 67 | 196 | 79 |

EVENING DRAWING SHOOL GRADUATES 1912

Machine Class

Adolf Severin Anderson
William Henry Cronin
John Francis Cunningham
William Edward Donahue
Arthur William Erickson
Bert Fernley
Charles Walter Frost
Samuel Lewis Fish
Patrick Joseph Higgins
Parker Ferguson Murphy
Frederick Aloysius O'Brien
William Edward Porter
William Regan
George Hudson Sykes

Free-Hand

Reginald Edward Cox
Paul Augustine Quinlan
John MacAulay Brown
Angelos Christos Ziotopoulos
George Francis Haggerty

Modelling

Cornelius Joseph Sullivan

Architectural Class

Delphus Zephir Clevette
Joseph Wilber Hall
Elzear O. J. Laundry
Gleason Harvey McCullough
Elmer Robert Hill

There has never been a time when the painstaking and thorough education of the young was a matter of greater moment than now. Every municipality is engaged in very important and necessary activities; the education of its youth is only one of these, but it is the most important one. Education imposes heavy burdens upon the community, but the failure to properly train and care for the youth is sure to impose much more grievous burdens later. It is the duty of a self respecting and ambitious generation to see to it that the generation which is to follow shall be better than the one which has gone before; the proper function of education is to bring about this result.

Respectfully submitted,

HUGH J. MOLLOY,

Superintendent of Schools.

TRUANT COMMISSIONERS' REPORT

REPORT OF THE TRUANT COMMISSIONERS FOR THE YEAR 1912.

| | Total number investigated cases | Absentees | Truants | Wandered about the streets | Visited second time | Visited third time | Violating the rules of school | Arrested | Sent to the Middlesex County Training School | Placed on Probation | Parents | Working certificates issued—(14 to 16 yrs. of age) | Approved—Over 16 yrs. of age |
|--------------------|---------------------------------|-----------|---------|----------------------------|---------------------|--------------------|-------------------------------|----------|--|---------------------|---------|--|------------------------------|
| January | 266 | 247 | 19 | 36 | 29 | 9 | 0 | 1 | 1 | 0 | 0 | 102 | 75 |
| February | 248 | 214 | 34 | 40 | 33 | 6 | 0 | 4 | 1 | 3 | 0 | 88 | 38 |
| March | 311 | 285 | 26 | 36 | 40 | 4 | 0 | 1 | 0 | 1 | 0 | 126 | 26 |
| April | 277 | 225 | 52 | 56 | 28 | 4 | 0 | 1 | 1 | 0 | 0 | 132 | 101 |
| May | 313 | 268 | 45 | 26 | 39 | 5 | 0 | 2 | 1 | 1 | 0 | 157 | 67 |
| June | 151 | 120 | 31 | 39 | 14 | 1 | 0 | 2 | 2 | 0 | 0 | 144 | 76 |
| July | | | | | | | | | | | | 464 | 320 |
| August | | | | | | | | | | | | 190 | 160 |
| September | | | | | | | | | | | | 143 | 185 |
| October | 392 | 288 | 104 | 34 | 40 | 11 | 0 | 7 | 6 | 1 | 0 | 174 | 248 |
| November | 317 | 275 | 42 | 51 | 43 | 14 | 0 | 5 | 5 | 0 | 0 | 134 | 167 |
| December | 193 | 171 | 22 | 29 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 116 | 143 |
| | 2468 | 2033 | 375 | 347 | 280 | 56 | 0 | 23 | 17 | 6 | 0 | 1970 | 1606 |

Roll of Teachers

Giving Name, Subject or Grade Taught, Residence,
Date of Election and Salary

HIGH SCHOOL

Kirk and Anne Sts.

| | | |
|--|------|--------|
| CYRUS W. IRISH, Headmaster, 308 Nesmith street | 1885 | \$3000 |
| CARL D. BURTT, Submaster and Head of Department of Languages, Clark road | 1895 | 2200 |
| FREDERICK R. WOODWARD, 168 Sixth street, Head of the Department of Mathe- matics | 1895 | 2000 |
| MARY A. WEBSTER, First Assistant, 45 Var- ney street, English and Mathematics | 1859 | 1000 |
| SUSIE L. D. WATSON, 390 East Merrimack street, United States History and Mathe- matics | 1885 | 1000 |
| ADELAIDE BAKER, 136 Myrtle street, French | 1885 | 1000 |
| JENNIE L. ALLEN, 947 Middlesex street, Physics and Physiology | 1885 | 1000 |
| EMMA L. BRADLEY, 485 Westford street, French | 1890 | 1000 |
| GERTRUDE A. RODLIFF, Chelmsford, Mass., History and English | 1890 | 1000 |
| MARIETTA CASSIDY, 4 Fifth avenue, Latin and Algebra | 1890 | 1000 |
| GEORGINA F. VINTON, 52 Fourth street, History, English and Algebra | 1872 | 1000 |
| GRACE M. GOODHUE, 120 School street, Ancient History and Latin | 1893 | 900 |
| BESSIE E. HUNTOON, 64 Warwick street, French and Physiology | 1894 | 900 |
| JOHN H. BURNS, 158 Smith street, Manual Training | 1912 | 800 |
| THOS. F. FISHER, 305 East Merrimack street, Manual Training | 1898 | 1600 |

| | | |
|---|------|------|
| MARY G. STEVENS, 27 Nesmith street, English and History | 1900 | 900 |
| MARY H. KILLPARTRICK, 609 Stevens street, English and Commercial Geography | 1901 | 900 |
| MARGARET V. SPEAR, 576 Westford street, French and English | 1902 | 900 |
| ETHEL M. EVERETT, 12 Belmont street, English and History | 1905 | 800 |
| ELIZABETH H. MURPHY, 159 White street, French and English | 1905 | 800 |
| ALICE RICHARDSON, 213 Branch street, Algebra | 1905 | 800 |
| ALBERT D. MACK, 16 Rutland street, Short- hand | 1906 | 1500 |
| WM. W. DENNETT, 55 Eighteenth street, Chemistry and Physics | 1906 | 1300 |
| ERNEST M. HUNT, 314 Pine street, Bookkeep- ing | 1907 | 1500 |
| ALICE H. BACHELLER, 195 Nesmith street, English and Commercial Law | 1906 | 800 |
| LILLIAN E. EDGERLY, 27 Anne street, Bookeeping | 1909 | 800 |
| RAYMOND W. SHERBURNE, Tyngsboro, Mass., Greek and Latin | 1910 | 1000 |
| GRACE D. DONOVAN, 256 Branch street, English | 1908 | 800 |
| JAMES A. SHANLEY, 364 Lawrence street, Bookeeping | 1910 | 1000 |
| MARIE R. SULLIVAN, 105 Crawford street, Shorthand | 1911 | 800 |
| CHARLES E. SEEDE, 85 Dover street, Manual Training | 1911 | 1000 |
| FLORENCE R. FOOTE, 28 Wannalancit street, History and English | 1910 | 800 |
| MILLIE A. SEVERANCE, 302 Stevens street, Physics | 1911 | 700 |
| VIOLET STOCKS, 141 Parkview avenue, Geometry, Geology, and Astromony | 1911 | 700 |

| | | |
|---|------|-----|
| MARY L. MARTIN, 543 Gorham street, English and Latin | 1912 | 650 |
| FRANCES U. MASTERSON, 352 Christian street, History and English | 1912 | 650 |
| MABEL M. CASSIDY, 44 B street, English, French, and Algebra | 1912 | 650 |
| MARY C. JOYCE, 22 Twelfth street, Elocution, 1912 | 650 | |
| MARGARET A. TEAGUE, 180 Mammoth Rd. Physical Culture | 1912 | 650 |
| JOSEPH G. PYNE, 823 Central street, English, French, and Algebra | 1912 | 800 |
| LIEUT. THOMAS W. DOYLE, 204 Tenth street, Military Instructor | 1912 | 200 |
| WILLIAM M. COLLINS, M. D., 22 Central street, Medical Director | 1912 | 200 |
| ALICE QUEENIE MANCHESTER, 66 Willow street, Secretary | 1912 | 500 |

BARTLETT SCHOOL

Wannalancit Street

| | | |
|---|------|--------|
| HERBERT D. BIXBY, Master, 19 Rutland street | 1908 | \$1700 |
| BELLE A. PRESCOTT, gr. 9, 68 Mt. Wash- ington street | 1878 | 700 |
| BLANCHE A. CHENEY, gr. 9, 383 Walker street | 1896 | 700 |
| FRANCES CLARK, gr. 8, Chelmsford, Mass. | 1899 | 700 |
| AMY L. TUCKE, gr. 8, 111 Butterfield street | 1880 | 700 |
| ALICE D. SUNBURY, gr. 7, 142 Wilder street | 1899 | 700 |
| KATHLEEN E. DRISCOLL, gr. 7, 47 Grace street | 1911 | 650 |
| BELLE F. BATCHELDER, gr. 6, 66 Arlington street | 1883 | 700 |
| SARA E. AMES, gr. 6, 418 Walker street | 1902 | 700 |
| MARIA W. ROBERTS, gr. 5, 571 Westford street | 1875 | 700 |
| KATHERINE F. FARLEY, gr. 5, 12 Robert street | 1907 | 700 |

| | | |
|---|------|-----|
| IVAH M. CONNELL, gr. 4, 660 School street | 1910 | 650 |
| A. GERTRUDE STILES, gr. 4, 72 Varney street | 1895 | 700 |
| LILLIAN E. ALISTER, 15 Stavely street | 1911 | 650 |

Primary Department

| | | |
|--|------|--------|
| BRIDGET K. SMITH, gr. 3, 117 Stackpole street | 1904 | \$ 650 |
| BERTHA M. SHERBURNE, grs. 3 and 2, Tyngsboro, Mass. | 1911 | 650 |
| ELEANOR J. LELACHEUR, gr. 2, 130 Avon.. street | 1910 | 650 |
| ESSIE E. ROCHE, gr. 1, 1835 Middlesex street | 1903 | 650 |
| E. BELLE PERHAM, gr. 1, 90 Riverside street | 1893 | 700 |

MORRILL SCHOOL

Common and Adams Streets

| | | |
|--|------|--------|
| ANNA M. COURTNEY, Prin., gr. 1, 196 Pawtucket street | 1887 | \$ 750 |
| AGNES T. COURTNEY, gr. 3, 11 Marsh street | 1891 | 700 |

CROSS STREET SCHOOL

Cross Street between Fletcher and Mt. Vernon Streets

| | | |
|---|------|--------|
| SARAH E. SCALES, Principal, gr. 3, 14 Porter street | 1866 | \$ 750 |
| ELLEN M. WHITE, gr. 2, 1057 Middlesex street | 1863 | 700 |
| KATHERINE KELLY, gr. 1, 24 Columbus ave | 1893 | 700 |

BUTLER GRAMMAR SCHOOL

Gorham Street

| | | |
|--|------|--------|
| CORNELIUS F. CALLAHAN, Master, 549 Westford street | 1885 | \$2000 |
| NELLIE F. MURPHY, gr. 9, 85 Sherman street | 1878 | 700 |
| MARGUERITE J. CRONIN, gr. 9, 228 Plain street | 1900 | 700 |
| MARY E. LANE, gr. 8, Billerica, Mass. | 1894 | 700 |

ROLL OF TEACHERS

57

| | | |
|---|------|-----|
| SADIE E. TULLY, gr. 8, 105 Westford street | 1897 | 700 |
| DELIA T. BRADY, gr. 7, 183 Chapel street .. | 1883 | 700 |
| KATHERINE E. KELLEY, gr. 7, 201 Appleton street | 1883 | 700 |
| ALICE C. O'BRIEN, gr. 7, 300 Wilder street .. | 1897 | 700 |
| ANNIE J. DEVINE, gr. 7, 128 Carlisle street | 1901 | 700 |
| MARY L. CROWLEY, gr. 6, 201 Appleton street | 1902 | 700 |
| HELEN L. CLARK, gr. 6, 297 East Merrimack street | 1908 | 650 |
| MARY L. McSORLEY, gr. 5, 40 Huntington street | 1879 | 700 |
| ETTA G. BURNS, gr. 5, 329 Concord street .. | 1901 | 700 |
| KATHERINE M. USHER, gr. 4, 465 Parker street | 1895 | 700 |
| KATHERINE M. JANTZEN, gr. 4, 3 Olive street | 1902 | 700 |
| MARGARET G. HYDE, gr. 4, 5 Floyd street | 1902 | 700 |
| MARY G. QUINN, gr. 4, 28 Chapel street | 1906 | 650 |

LYON STREET SCHOOL

Corner Lyon and Central Streets

| | | |
|--|------|--------|
| KATE F. MURPHY, Principal, gr. 3, 870 Gor- ham street | 1885 | \$ 750 |
| MARY J. McCARRY, gr. 1, 1600 Gorham street | 1881 | 700 |
| LORETTA A. HANNAFIN, gr. 2, 15 Sargent street | 1910 | 650 |
| ELLEN F. LYNCH, gr. 1, 11 Salem street .. | 1910 | 650 |
| GERTRUDE B. McQUADE, grs. 2 and 1, 225 Summer street | 1912 | 650 |

CARTER STREET SCHOOL

Carter Street

| | | |
|---|------|--------|
| ISABELLA T. VINALL, Principal, gr. 3, 1 Glidden avenue | 1873 | \$ 750 |
| MARGARET J. CONNORS, gr. 2, 48 Walnut street | 1894 | 700 |

ROLL OF TEACHERS

| | | |
|---|------|-----|
| KATHERINE F. BRADY, gr. 2, 173 Chapel street | 1897 | 700 |
| MARY V. JOHNSON, gr. 1, 183 Wilder street | 1897 | 700 |
| DELIA C. MALONEY, gr. 1, 70 Elm street | 1901 | 700 |

AGAWAM STREET SCHOOL

Agawam and Barrington Streets

| | | |
|--|------|--------|
| MARY A. FAY, Principal, gr. 3, 115 Stackpole street | 1889 | \$ 750 |
| ANNA M. HIGGINS, gr. 2, North Billerica ... | 1910 | 650 |
| EUGENIE V. FRAPPIER, gr. 1, 26 Hampshire street | 1910 | 650 |

LONDON STREET SCHOOL

Corner of London and West Streets

| | | |
|--|------|--------|
| ELIZABETH R. MAGUIRE, Principal, gr. 3, 60 Fort Hill avenue | 1884 | \$ 750 |
| MARGARET L. HAGERTY, gr. 1 and 2, 31 Royal street | 1908 | 650 |
| MARY F. HILL, gr. 1 and 2, 94 Midland street | 1887 | 700 |

WEED STREET SCHOOL

Corner of Weed and Gorham Streets

| | | |
|--|------|--------|
| LILLA M. McEVOY, Principal, gr. 3, 214 Paw- tucket street | 1893 | \$ 750 |
| MARY E. CROWLEY, gr. 2, 436 Lincoln street. | 1905 | 650 |
| MARY F. DEVINE, gr. 1, 1527 Gorham street | 1902 | 650 |

COLBURN GRAMMAR SCHOOL

Lawrence Street, near Charles

| | | |
|---|------|--------|
| HELEN M. SHEAN, Principal, 260 High street | 1891 | \$1000 |
| MARGARET C. FOX, gr. 9, 8 Eddy street | 1900 | 700 |
| ANNA T. McCARRON, gr. 8, 228 High street | 1910 | 650 |
| LENA COLLINS, gr. 7, 1106 Mammoth road, Collinsville | 1911 | 650 |

ROLL OF TEACHERS

59

| | | |
|--|------|-----|
| JULIA M. DRISCOLL, gr. 6, 47 Grace street | 1911 | 650 |
| FRANCES L. DONOVAN, gr. 6, 168 Shaw street | 1911 | 650 |
| MARY J. MOYNAHAN, gr. 5, 216 High street | 1911 | 650 |
| LOUISE C. THOMAS, gr. 5, 40 West Sixth .. | 1911 | 650 |
| SADIE A. CONNOR, gr. 4, 73 Pleasant street | 1911 | 650 |
| ELIZABETH A. CONWAY, gr. 4, 219 Church street | 1911 | 650 |

COLBURN PRIMARY SCHOOL

Charles Street, near Lawrence

| | | |
|--|------|--------|
| ELLEN M. HOLDEN, Principal, gr. 3, 2191 Lakeview avenue | 1876 | \$ 750 |
| NELLIE F. DAVIDSON, gr. 2, 559 Fletcher street | 1891 | 700 |
| CLOTILDA A. DELANY, 82 Colonial avenue | 1910 | 650 |
| KATHERINE M. TOBIN, gr. 1, 40 Linden street | 1910 | 650 |

CENTRAL STREET SCHOOL

Central Street, opp. Hudson

| | | |
|--|------|--------|
| ELIZA COWLEY, Principal, gr. 3, 484 Rogers street | 1857 | \$ 750 |
| ELIZABETH G. LAWLER, gr. 2, 260 High st. | 1897 | 700 |
| ANNA T. COBURN, gr. 2, 39 Arlington street | 1904 | 650 |
| HELEN A. DRURY, gr. 1, 44 Walnut street | 1897 | 700 |

AMES STREET SCHOOL

Corner Lawrence and Ames Streets

| | | |
|--|------|--------|
| MARY E. DREW, Principal, gr. 2, 36 Wamesit street | 1868 | \$ 750 |
| MARY C. TIMMONS, gr. 3, 1164 Middlesex street | 1911 | 650 |
| EDITH FARRINGTON, gr. 1, 182 Perry street | 1905 | 650 |

EDSON GRAMMAR SCHOOL

Highland Street

| | | |
|---|------|--------|
| CALVIN W. BURBANK, Master, 130 Bowers street | 1872 | \$2000 |
| CHRISTOPHER J. HAGAN, Acting Master, 94 D street | | 1300 |
| FRANCES M. WEBSTER, gr. 9, 45 Varney street | 1873 | 700 |
| ROSALIE T. BURNS, gr. 8, 39 Whitehead avenue | 1878 | 700 |
| ANNIE E. DONOVAN, gr. 8, 26 Madison street | 1895 | 700 |
| SUSAN F. BURBANK, gr. 6 and 7, 50 John street | 1910 | 650 |
| KATE J. HAYES, gr. 6 and 7, 15 Floyd street | 1879 | 700 |
| MARGIE F. MARREN, gr. 6, 86 Rolfe street | 1886 | 700 |
| SARAH J. CROSBY, gr. 5 and 6, 12 Simpson place | 1868 | 700 |
| JENNIE E. ROGERS, gr. 5, 418 Walker street. | 1904 | 650 |
| JULIA B. RIORDAN, gr. 4, 58 Second avenue | 1897 | 700 |
| MARIANNA L. DONOVAN, gr. 4, 256 Branch street | 1911 | 650 |
| ALICE O. STICKNEY, gr. 4, 599 School street | 1910 | 650 |

CHARLES STREET SCHOOL

Charles Street, between Gorham and Chapel Streets

| | | |
|--|------|--------|
| ALICE T. OWENS, Principal, gr. 3, 4 Belmont street | 1878 | \$ 750 |
| ELLA E. GARDNER, gr. 1 and 2, 246 Appleton street | 1871 | 700 |
| MARION A. STEVENS, gr. 1 and 2, 465 West- ford street | 1908 | 650 |
| MARGARET A. HARRAHAN, gr. 1, 32 Mar- shall street | 1882 | 700 |

COTTAGE STREET SCHOOL

Corner Cottage and Chapel Streets

| | | |
|---|------|--------|
| ROSE E. MacVEY, Principal, gr. 2, 46 Linden street | 1887 | \$ 750 |
|---|------|--------|

| | | |
|---|------|-----|
| ANNIE L. MURPHY, gr. 3, 870 Gorham street | 1901 | 700 |
| E. LAURA MOORE, gr. 1, 21 Kimball avenue | 1905 | 650 |

ELIOT SCHOOL

Corner Favor and Summer Streets.

| | | |
|---|------|--------|
| ELLEN A. STILLINGS, Principal, gr. 1 and 2, 24 Bellevue street | 1875 | \$ 750 |
| ELLEN A. CORBETT, gr. 3, 32 Highland st | 1878 | 700 |
| NELLIE T. O'GRADY, gr. 2, 623 Central street | 1881 | 700 |
| LOYOLA McCANN, gr. 1, 17 Wentworth ave | 1893 | 700 |

GREEN GRAMMAR SCHOOL

Merrimack Street

| | | |
|---|------|--------|
| ALBERT L. BACHELLER, Master, 195 Ne- smith street | 1874 | \$2000 |
| RUTH B. BAILEY, gr. 9, 11 Burlington Ave., | 1871 | 700 |
| CLARA A. HANNAFORD, gr. 8, 466 Wilder... | 1869 | 700 |
| LIZZIE A. NOLAN, gr. 7, 214 Pawtucket street | 1876 | 700 |
| FLORENCE E. ARCHIBALD, gr. 7, 50 John street | 1911 | 650 |
| JENNIE E. FAY, gr. 6, 115 Stackpole street.... | 1891 | 700 |
| HANNAH M. BARROWS, gr. 6, 19 Newhall street | 1908 | 650 |
| CATHERINE F. McCARTHY, gr.5, 647 Market street | 1889 | 700 |
| SADIE F. McCORT, gr. 5, 15 Centre street.... | 1901 | 700 |
| ELLA J. CARLETON, gr. 4, 35 Gates street... | 1882 | 700 |
| ELIZABETH PROVENCHER, gr. 4, 523 Flet- cher street | 1908 | 650 |
| M. ALICE McCUE, gr. 4, 781 Broadway | 1912 | 650 |

KIRK STREET SCHOOL

Corner Kirk and Lee Streets

| | | |
|--|------|-------|
| ELIZA A. DAVIS, Principal, gr. 2 and 3, Billeri- ca, Mass. | 1881 | \$725 |
| LAURA H. PALMER, grs.1 and 2, 35 Thirteenth street | 1882 | 700 |

CABOT STREET SCHOOL

Corner Cabot and Ford Streets.

| | | | |
|--|------|-----|--|
| MARY T. WHELLEY, Principal, gr. 2 and 3, | | | |
| 254 Parkview ave. | 1897 | 750 | |
| EUGENIA L. HOGAN, gr. 1 and 2, 106 Avon street | 1889 | 700 | |
| MARY J. MURPHY, gr. 1, 34 Butterfield street | 1887 | 700 | |

WORTHEN STREET SCHOOL

Worthen Street, between Market Street and Broadway

| | | | |
|--|------|-------|--|
| ESTHER V. GREEN, Principal, gr. 2, 434 West- | | | |
| ford street | 1889 | \$750 | |
| MARY R. MARREN, gr. 3, 86 Rolfe street.... | 1890 | 700 | |
| MARY E. MEEHAN, gr. 1, 228 Worthen street. | 1891 | 700 | |

GREENHALGE GRAMMAR SCHOOL

Ennell Street, Centralville

| | | | |
|---|------|--------|--|
| FREDERICK A. WOOD, Master, 295 Pawtu- | | | |
| cket street | 1906 | \$1900 | |
| MARY E. TOBIN, gr. 9, 40 Linden street | 1906 | 650 | |
| GRACE E. FRYE, gr. 8, Billerica, Mass. | 1910 | 650 | |
| MARY ALICE COCHRANE, gr. 7, 230 Cabot street | 1911 | 650 | |
| LEONA M. SMALL, gr. 6, 46 Whitney avenue | 1911 | 650 | |
| MARY R. SEERY, gr. 6, 237 Tenth street | 1911 | 650 | |
| JOSEPHINE S. DUNLAVY, gr. 5, 22 Lagrange street | 1908 | 650 | |
| ALICE A. MASTERSON, gr. 5, 60 Fort Hill avenue | 1892 | 700 | |
| ANNIE L. MAHONEY, gr. 4, 41 Butterfield street | 1906 | 650 | |
| HELEN KOHAWN, gr. 4, 63 Thirteenth street | 1877 | 700 | |

GREENHALGE PRIMARY

| | | | |
|---|------|--------|--|
| MARTHA ROGERS, gr. 3, 131 Cumberland road | 1895 | \$ 700 | |
|---|------|--------|--|

| | | |
|---|------|-----|
| IDA J. CLARKE, gr. 2, 166 Branch street | 1887 | 700 |
| BLANCHE E. MARSHALL, gr. 1, 48 Marginal street | 1908 | 650 |

LAKEVIEW AVENUE SCHOOL

Lakeview Avenue, Centralville

| | | |
|---|------|--------|
| MARGARET J. McCLUSKEY, gr. 3, 246 Methuen street | 1890 | \$ 750 |
| ALICE E. RAMSAY, gr. 2, 124 Third street ... | 1906 | 650 |
| ANNA F. JOYCE, gr. 1 and 2, 22 Twelfth street | 1906 | 650 |
| ANNIE E. IRVING, gr. 1, 82 Stone street, Dra- cut, Mass. | 1908 | 650 |

HIGHLAND GRAMMAR SCHOOL

Pine Street

| | | |
|--|------|--------|
| CHARLES W. MOREY, Master, 14 Belmont street | 1880 | \$2000 |
| ESTELLE L. WHITNEY, gr. 9, 13 Oakland street | 1885 | 700 |
| MARY F. FOSS, gr. 9, 248 Foster street | 1891 | 700 |
| ABBIE F. WOODWARD, gr. 8, 157 Dartmouth street | 1869 | 700 |
| ANNA T. COFFEY, gr. 8, 182 Wilder street | 1910 | 650 |
| LEONORA K. BATTLES, gr. 7, 21 Chester st. | 1895 | 700 |
| ANNA A. BURNHAM, gr. 7, 14 Belmont street | 1894 | 700 |
| LUELLA A. WARDWELL, gr. 6, 13 Oakland street | 1870 | 700 |
| MINNIE C. GRAY, gr. 6, 106 Liberty street | 1890 | 700 |
| GRACE R. SANDERS, gr. 5, 67 South Loring street | 1897 | 700 |
| LULU TURNER, gr. 5, 33 Warwick street | 1900 | 700 |
| GRACE F. WARD, gr. 5, 201 Appleton street .. | 1893 | 700 |
| C. ETHEL HALE, gr. 4, 15 Robbins street | 1906 | 650 |
| MABEL E. BROWN, gr. 4, 172 Branch street .. | 1901 | 700 |
| ARVILLA L. READER, gr. 4, 216 Appleton st. | 1871 | 700 |
| MARTHA R. TAYLOR, 146 Sixth street | 1912 | 650 |
| CARRIE L. BROWN, 18 Bourne street | 1912 | 650 |

FRANKLIN SCHOOL

Corner Branch and Middlesex Streets

| | | |
|--|------|--------|
| SARAH C. FISKE, Principal, gr. 3, 246 Appleton street | 1866 | \$ 750 |
| MARY E. RICHARDSON, gr. 2, 55 Liberty st. | 1910 | 650 |
| MARION J. STEVENSON, gr. 1 and 2, 63 Princeton street | 1878 | 700 |
| KATE G. JONES, gr. 1, 240 Jewett street | 1880 | 700 |

PINE STREET SCHOOL

Corner Pine and Gibson Streets

| | | |
|---|------|--------|
| CARRIE J. BAILEY, Principal, gr. 3, 16 Loring street | 1884 | \$ 750 |
| GRACE I. WASHBURN, gr. 2, 233 Westford. street | 1897 | 700 |
| HELEN D. SWAIN, gr. 1, 413 Walker street | 1904 | 650 |

DOVER STREET SCHOOL

Dover Street, between Middlesex and Grove Streets

| | | |
|--|------|--------|
| CLARA B. HORNE, Principal, gr. 3, 106 Chest- nut street | 1877 | \$ 750 |
| CLEMENTINE H. BOWERS, gr. 2, 18 Loring street | 1876 | 700 |
| BERTHA GARDNER, gr. 1, 32 Robbins street | 1887 | 700 |

MIDDLESEX VILLAGE SCHOOL

Middlesex Street, corner Cornell Street

| | | |
|--|------|--------|
| HARRIET F. WAKEFIELD, Principal, gr. 5 and 6, 497 School street | 1889 | \$ 750 |
| KATHERINE G. EGAN, gr. 3 and 4, 17 Princeton street | 1904 | 650 |
| GERTRUDE E. DANE, gr. 2, 234 Gibson street | 1905 | 650 |

POWELL STREET SCHOOL

Powell Street, near Liberty Street

| | | |
|--|------|--------|
| VIOLA A. HAMBLETT, Principal, gr. 1 and 2, 58 Bellevue street | 1876 | \$ 725 |
| ELLEN J. PIPER, gr. 2 and 3, 55 Norcross street | 1894 | 700 |

ABRAHAM LINCOLN GRAMMAR SCHOOL

Chelmsford Street

| | | |
|--|------|--------|
| JAMES L. MELLEN, Master, 74 Pentucket avenue | 1893 | \$2000 |
| MARGARET M. SPARKS, gr. 9, 169 Fort Hill avenue | 1894 | 700 |
| GRACE SCRIBNER, gr. 8, 190 Liberty street | 1893 | 700 |
| BRIDE T. SWEENEY, gr. 7, 138 Pleasant st | 1900 | 700 |
| IRMA V. HODGMAN, gr. 7, 632 Westford street | 1897 | 700 |
| MARGARET T. DONOVAN, gr. 6, 42 Clare street | 1911 | 650 |
| MARGARET G. McDONALD, gr. 6, 397 Broad- way | 1904 | 650 |
| MABEL W. EWINGS, gr. 5, 3 Astor street.... | 1891 | 700 |
| ANNIE L. McKISSOCK, gr. 5, 9 Third street | 1912 | 650 |
| ELLA E. PRESCOTT, gr. 4, 601 Aiken street, Dracut | 1894 | 700 |
| ELLEN L. FLOYD, gr. 4, 124 Stevens street | 1887 | 700 |
| JULIA G. SLATTERY, gr. 4, 65 Arlington st | 1911 | 650 |

Primaries in Lincoln School Building

| | | |
|---|------|-----|
| ELSIE M. PUFFER, gr. 1, 942 Middlesex street | 1901 | 700 |
| LILLIAN A. STROUT, gr. 1, 95 So. Loring street | 1906 | 650 |

LAURA E. LEE SCHOOL

Corner Plain and Powell Streets

| | | |
|--|------|--------|
| FLORA H. SPRAGUE, Principal, gr. 3, 589 School street | 1882 | \$ 750 |
| LENA M. ROBINSON, gr. 2 and 3, 68 So. Walker street | 1898 | 700 |
| LILLA M. STANLEY, gr. 2, 2 Horn street | 1897 | 700 |
| SADIE M. DEANE, gr. 1 and 2, 17 Loring street | 1902 | 700 |
| MINNIE E. COBURN, gr. 1, 157 Smith street | 1910 | 650 |
| EMMA M. GRAHAM, gr. 1, 419 Chelmsford.. street | 1912 | 650 |

HOWARD STREET SCHOOL

Howard Street, between Chelmsford and Hale Streets.

| | | |
|---|------|--------|
| MARION E. GREEN, Principal, gr. 3, 96 Pine st | 1884 | \$ 750 |
| MARGARET S. JAMIESON, gr. 2, 53 So. Loring street | 1904 | 650 |

GRAND STREET SCHOOL

Grand Street, between Westford and Middlesex Streets

| | | |
|---|------|--------|
| JENNIE M. BENNETT, gr. 2 and 3, 2 Bellevue street | 1885 | \$ 700 |
| CHARLOTTE A. PARSONS, gr. 1, 485 Westford street | 1910 | 650 |

MOODY GRAMMAR SCHOOL

Corner High and Rogers Streets

| | | |
|--|------|--------|
| WILLIAM S. GREEN, Master, 302 Nesmith street | 1883 | \$2000 |
| NELLIE C. MAHONEY, gr. 9, 17 North street | 1898 | 700 |
| IDA L. SAMUELS, gr. 9, 56 Fifth avenue | 1898 | 700 |
| BERTHA M. ROWLANDSON, gr. 8, 11 Holyrood avenue | 1891 | 700 |
| FANNIE G. HOBBS, gr. 8, 5 Astor street | 1910 | 650 |
| ELLA M. BREEN, gr. 7, 23 Marsh street | 1893 | 700 |
| MARTINA F. McMAHON, gr. 7, 33 Mead street | 1905 | 650 |
| FLORA A. OWEN, gr. 6, 42 Huntington st. | 1900 | 700 |
| ANASTASIA E. DOWNING, gr. 6, 434 Westford street | 1908 | 650 |
| FRANCES E. HARDMAN, gr. 5, 18 Astor st | 1873 | 700 |
| FRANCES E. GARRITY, gr. 5, 61 Twelfth st | 1874 | 700 |
| CORA E. JONES, gr. 4, Y. W. C. A., John street | 1910 | 650 |
| EDITH T. SANBORN, gr. 4, 260 Mansur street | 1911 | 650 |

POND AND HIGH STREET SCHOOL

High Street, Belvidere

| | | |
|---|------|--------|
| CLARA A. EMERSON, Principal, gr. 2, 216 Appleton street | 1869 | \$ 750 |
|---|------|--------|

| | | |
|--|------|-----|
| GERTRUDE SEEDE, gr. 3, 85 Dover street .. | 1906 | 650 |
| MARY I. HALLORAN, gr. 2, 546 East Merrimack street | 1908 | 650 |
| ADELAIDE CROWLEY, gr. 1, 115 Fort Hill avenue | 1894 | 700 |
| MAUDE E. GREEN, gr. 1, 238 East Merrimack street | 1900 | 700 |

SYCAMORE STREET SCHOOL

Sycamore Street

| | | |
|---|------|--------|
| FLORENCE E. ROWELL, Principal, gr. 2 and 3, 60 Porter terrace | 1900 | \$ 725 |
| ELIZABETH B. DAME, gr. 1 and 2, 178 First street | 1902 | 700 |

PAWTUCKET GRAMMAR SCHOOL

Mammoth Road, Pawtucketville

| | | |
|---|------|--------|
| WILLIAM P. BARRY, Master, 1280 Middlesex street | 1887 | \$2000 |
| ELLEN M. MacDONALD, gr. 9, 214 Pawtucket street | 1878 | 700 |
| M. ISABELLA PHELPS, gr. 8, 50 Lamb street | 1908 | 650 |
| DELIA F. BRISCOE, gr. 7, Dracut | 1912 | 650 |
| ELIZABETH G. COMMON, gr. 6, 109 Beech st | 1911 | 650 |
| CHARLOTTE C. WALSH, gr. 6, 76 Mt. Vernon street | 1902 | 700 |
| GOLDIE M. GARDNER, gr. 5, 15 Columbus avenue | 1898 | 700 |
| CORINNA G. COVER, gr. 4, 16 Lombard street | 1901 | 700 |

NEW MOODY STREET SCHOOL

New Moody Street

| | | |
|---|------|--------|
| ADDIE B. MERRILL, Principal, gr. 3, 465 Bridge street | 1892 | \$ 750 |
| GRACE C. DELANY, gr. 2 and 3, 82 Colonial avenue | 1900 | 700 |

| | | |
|--|------|-----|
| ANNA I. CASSIDY, gr. 2, 4 Fifth avenue | 1902 | 700 |
| KATHERINE P. O'BRIAN, gr. 2, 28 West Adams street | 1911 | 650 |
| MARY E. SNOW, gr. 1, 89 School street | 1901 | 700 |
| MAUDE M. HARDY, gr. 1, 171 Walker street | 1901 | 700 |

LEXINGTON AVENUE SCHOOL

| | | |
|--|------|--------|
| CARRIE M. HART, 16 Varney street | 1887 | \$ 725 |
|--|------|--------|

RIVERSIDE GRAMMAR SCHOOL

Woburn Street, Wigginville

| | | |
|--|------|--------|
| PATRICK J. REYNOLDS, Master, 139 Chapel street | 1912 | \$1300 |
| HARRIET L. WHEELER, gr. 9 and 8, 64 Mor- ton street | 1900 | 700 |
| ELIZABETH A. GILINSON, gr. 6, 3 Bourne st | 1910 | 650 |
| FRANCES J. CUNNINGHAM, gr. 5, 517 Rogers street | 1906 | 650 |

RIVERSIDE PRIMARY SCHOOL

| | | |
|---|------|--------|
| CHISTINE M. KANE, gr. 3, 339 High street | 1908 | \$ 650 |
| ETTA M. SMITH, gr. 2, 1118 Lawrence street | 1906 | 650 |
| CHARLOTTE O. LOWE, gr. 1, North Chelms- ford, Mass | 1910 | 650 |

VARNUM GRAMMAR SCHOOL

Myrtle Street, Centralville

(Telephone 2326)

| | | |
|---|------|--------|
| HENRY H. HARRIS, Master, 93 Eleventh street | 1893 | \$2000 |
| ELIZABETH C. KENNEDY, gr. 9, 106 Durant street | 1884 | 700 |
| MARY F. WING, gr 9, 3 Myrtle street | 1879 | 700 |
| AGNES BAILEY, gr. 8, 53 Third street | 1900 | 700 |
| DAISY B. MacBRAYNE, gr. 8, 24 Beech street. | 1900 | 700 |
| GRACE W. BALCH, gr. 7, 117 Third street | 1894 | 700 |

| | | |
|--|------|-----|
| ANNIE V. DONOGHUE, gr. 7, 11 Wesley street | 1904 | 650 |
| MARY A. FAY, gr. 6, 303 Tenth street | 1898 | 700 |
| AGNES T. FAY, gr. 6, 303 Tenth street | 1891 | 700 |
| ROSE A. DOWD, gr. 6, 237 Tenth street | 1884 | 700 |
| GRACE M. THURBER, gr. 5, 52 Fourth street | 1910 | 650 |
| ALICE R. KEESE, gr. 5, 107 Warwick street | 1881 | 700 |
| ADA E. HOOLE, gr. 5, 173 Warren street | 1894 | 700 |
| MARGARET F. HOWE, gr. 5, 208 South street | 1900 | 700 |
| JULIA WILLIAMS, gr. 4, 156 Sixth street | 1886 | 700 |
| MABEL A. METCALF, gr. 4, 93 Vernon street | 1908 | 650 |
| VERA E. GROVES, 53 Thirteenth street | 1912 | 650 |

WEST SIXTH STREET SCHOOL

West Sixth Street, between Coburn and Jewett Streets
Centralville

| | | |
|--|------|--------|
| STELLA J. ALLEN, Principal, gr. 3, 115 Third street | 1879 | \$ 750 |
| ELIZABETH Fê LAMERE, gr. 2, 63 Canton st. | 1887 | 700 |
| MARION S. KEYES, gr. 1 and 2, 102 Third st. | 1888 | 700 |
| MARY J. CALLAHAN, gr. 1, 117 Durant street | 1895 | 700 |

TENTH STREET SCHOOL

Corner Tenth and Varnum Streets, Centralville

| | | |
|--|------|--------|
| MARY F. BEANE, Principal, gr. 3, 212 Tenth st. | 1879 | \$ 750 |
| FANNIE H. MURPHY, gr. 2, 42 Twelfth street | 1889 | 700 |
| ALICE A. HOLTHAM, gr. 1 and 2, 1107 Bridge street | 1887 | 700 |
| ELLA A. BAILEY, gr. 1, 16 Varnum street | 1869 | 700 |

BILLINGS STREET SCHOOL

| | | |
|--|------|--------|
| ANNIE M. ROBBINS, Principal, gr. 3, 62 Twelfth street | 1895 | \$ 750 |
| RUTH CROWELL, gr. 2 and 3, 71 Fort Hill avenue | 1911 | 650 |
| ELIZABETH H. SEEDE, gr. 1, 85 Dover street | 1906 | 650 |
| MARIETTA G. GORMLEY, gr. 1, 22 Lyon st. | 1895 | 700 |

WASHINGTON GRAMMAR SCHOOL

Lang Street, opposite Inland

| | | |
|---|------|--------|
| JOHN E. BARR, Master, 178 First street | 1906 | \$1400 |
| HELEN A. DOW, gr. 9, 149 B. street | 1905 | 650 |
| SUSAN C. GRIFFIN, gr. 8, 36 Grace street | 1906 | 650 |
| ESTHER M. GREENE, gr. 7, 179 Warwick st. | 1906 | 650 |
| ALICE G. McGILLY, gr. 6, 149 Concord st. | 1911 | 650 |
| LAURA F. GREENE, gr. 5, 179 Warwick st. | 1911 | 650 |
| OLIVE J. PALM, gr. 4, 255 Plain street | 1911 | 650 |

PRIMARY DEPARTMENT

| | | |
|--|------|--------|
| MYRTLE M. KILLPARTRICK, gr. 1, 609 Stevens street | 1911 | \$ 650 |
|--|------|--------|

KINDERGARTENS**AGAWAM STREET**

| | | |
|---|------|--------|
| SARAH G. SPARKS, Principal, 59 Elm street .. | 1894 | \$ 550 |
| KATHERINE M. CROWLEY, 115 Fort Hill avenue | 1908 | 500 |

BARTLETT

| | | |
|--|------|--------|
| HELEN W. NOYES, Principal, 49 Nesmith st | 1896 | \$ 550 |
| EDITH A. ANDREWS, 77 Fort Hill avenue | 1897 | 500 |

CHAPEL STREET

| | | |
|--|------|--------|
| ELSIE M. CRAGIN, Principal, 114 So. Walker street | 1895 | \$ 550 |
| KATHERINE C. EARLY, 181 Pleasant street | 1896 | 500 |

CHARLES STREET

| | | |
|---|------|--------|
| MABEL D. NICKERSON, Principal, 136 Chest- nut street | 1893 | \$ 550 |
| S. ALICE KNAPP, 336 East Merrimack street | 1899 | 500 |

DOVER STREET

| | | |
|---|------|--------|
| ELIZABETH A. WILSON, Principal, 15 South Canton street | 1893 | \$ 550 |
| ELLA M. PENN, 262 London street | 1901 | 500 |

FRANKLIN

| | | |
|--|------|--------|
| N. GRACE TAYLOR, Principal, 11 Ware street | 1895 | \$ 550 |
| HORTENSE M. LAMERE, 13 Ralph street | 1899 | 500 |

LAURA E. LEE

| | | |
|---|------|--------|
| EDITH A. HOWITT, Principal, 52 Myrtle st. | 1897 | \$ 550 |
| ALICE F. SEETON, 158 Mammoth road | 1901 | 500 |

MOODY

| | | |
|---|------|--------|
| MARY C. WALKER, Principal, 100 Appleton st. | 1893 | \$ 550 |
| GERTRUDE B. CROWLEY, 115 Fort Hill ave | 1909 | 500 |

PAWTUCKET

| | | |
|---|------|--------|
| MARIETTA KING, Principal, 205 Stackpole st. | 1895 | \$ 550 |
| S. HORTENSE TABOR, 82 Riverside street | 1896 | 500 |

PINE STREET

| | | |
|--|------|--------|
| LOUIE I. SMITH, Principal, 11 Edson street | 1895 | \$ 550 |
| GERTRUDE A. ROBERTS, 74 Stevens street | 1897 | 500 |

VARNUM

| | | |
|--|------|--------|
| NETTIE M. CONANT, Principal, 113 Fremont street | 1892 | \$ 550 |
| CLARA M. EVERETT, 75 Beacon street | 1896 | 500 |
| HELEN S. LIVINGSTON, temp., 28 Robbins st. | | |

SCHOOL VISITOR

| | | |
|---|------|--------|
| ALICE M. FRENCH, Y. W. C. A., John street | 1909 | \$ 650 |
|---|------|--------|

ROLL OF TEACHERS

MUSICAL DIRECTOR

| | | |
|--|------|--------|
| FREDERICK O. BLUNT, Tel. 3511, 21 Bellevue street | 1898 | \$1250 |
|--|------|--------|

ASSISTANT IN MUSIC

| | | |
|--|------|--------|
| JESSIE M. HAGAR, Tel. 1804-W, 237 Branch street | 1911 | \$ 800 |
|--|------|--------|

SUPERVISORS OF DRAWING

| | | |
|---|------|--------|
| OLIVE E. UNDERHILL, 117 Branch street .. | 1887 | \$ 750 |
| ADDIE E. EDWARDS, Tel. 1128-W., 57 Pine street | 1907 | 750 |

TEACHER OF SEWING

| | | |
|---|------|--------|
| IDA J. FLINT, Tel. 2641-W., 200 Liberty st. | 1880 | \$ 900 |
|---|------|--------|

ASSISTANT IN SEWING

| | | |
|---|------|--------|
| ESTHER M. OWENS, Tel. 3620, 4 Belmont st. | 1912 | \$ 700 |
|---|------|--------|

INDUSTRIAL SCHOOL

Old Bartlett School Building, Clark Street.

Mann School, Broadway, Tel. 2932.

| | | |
|--|------|--------|
| WILLIAM H. DOOLEY, Principal, 67 Burtt st. | 1911 | \$2500 |
|--|------|--------|

| | | |
|---|------|-----|
| CLARA I. FARRINGTON, 2 Perry street, Assistant to Mr. Dooley | 1912 | 600 |
|---|------|-----|

| | | |
|--|------|------|
| WILLIAM A. WEBB, 50 Mt. Vernon street, Instructor in Machine Shop Practice and Blacksmithing | 1911 | 1200 |
|--|------|------|

| | | |
|--|------|-----|
| WALTER F. CONNOLLY, 84 School street, Assistant in Machine Drawing and Mathema- tics | 1911 | 750 |
|--|------|-----|

| | | |
|--|------|-----|
| FRED F. WIGGIN, 710 Stevens street, In- structor in Carpentry | 1911 | 900 |
|--|------|-----|

| | | |
|---|------|-----|
| CLARENCE E LESUER, 16 Midland street, Instructor in Automobile Repairing | 1911 | 800 |
|---|------|-----|

| | | |
|--|------|-----|
| HERBERT L. CARRAGHER, 365 Beacon street, Instructor in Electricity | 1911 | 800 |
| TIMOTHY H. REARDON, 16 Marginal street, Assistant in Machine Shop Practice and Blacksmithing | 1912 | 900 |
| CHARLES J. RODGERS, 65 Butterfield street, Assistant in Carpentry | 1912 | 800 |
| JOHN F. GALLAGHER, 58 Seventh street, Assistant in Electricity | 1912 | 700 |
| F. JOSEPH O'DONOOGHUE, 239 School street, Academic Branches | 1912 | 800 |

GIRLS' DEPARTMENT

Morrill School Building, Common Street

| | | |
|--|------|--------|
| ALICE L. GOOKIN, 824 Rogers street, Academic Branches | 1911 | \$ 800 |
| RUBERTA BRAMHALL, 84 Tenth street, Housekeeping | 1911 | 800 |
| ANNA M. O'DAY, 599 Central street, Dress-making | 1911 | 750 |
| ESTHER M. DOWNING, 434 Westford street, Drawing, Arithmetic and Textiles | 1912 | 750 |
| ESTHER G. DONLAN, 196 Westford street, Housekeeping | 1912 | 800 |
| AGNES R. BURNS, 427 Lakeview avenue, Assistant in Dressmaking | 1912 | 650 |

ABSENT ON LEAVE

Ethel W. Whitcomb, High School, '03, Box 620, Manila, P. I.
 Katherine Kelly, Cross st., '93, 24 Columbus Ave.
 Calvin W. Burbank, Edson School, '72, 130 Bowers st.
 Mary F. Foss, High School, '91, 248 Foster street.
 Grace R. Sanders, Highland School, '97, 67 So. Loring street.
 Bertha M. Rowlandson, Moody School, '91, 11 Holyrood Ave.
 Mary F. Wing, Varnum School, '79, 3 Myrtle street.

Agnes T. Fay, Varnum School, '91, 303 Tenth street.
Grace M. Thurber, Varnum School, '10, 52 Fourth street.
Alice B. Besse, New Moody, '91, 581 Rogers school.
May E. P. Lowney, unassigned, '10, 40 Crowley street.
Helen J. O'Hearn, Lincoln School, '00, 649 Westford street.
Helen M. Whitcomb, unassigned, '11, 2 Belmont street.

PERMANENT SUBSTITUTES

Mollie M. Brosnan, 210 Cross street.
Mary M. Cowell, 1032 Gorham street.
Elizabeth R. Connell, 24 Ash street.
Anna J. Cawley, 85 Rogers street.
Mary F. Carolan, 256 Concord street.
Ethel Chalifoux, 157, Mt. Vernon street.
Caroline Downey, 56 Huntington street.
Alice G. Donohoe, 50 Linden street.
Ellen L. Daley, 134 Lilley Ave.
Henrietta Grady, 39 Lunberg street.
Rose C. Geary, 49 Whipple street.
Helen R. Halloran, 546 E. Merrimack street.
Mae Hogan, 82 Varney street.
Alice L. Joyce, 22 Twelfth street.
Gertrude Keyes, 62 Pine street.
Bethia S. Keith, 419 Chelmsford street.
Loretta M. Kinsela, 6 Burns street.
Alice M. Lynch, 11 Salem street.
Anna L. McNabb, 63 Dunfey street.
Frances Noonan, 115 Pleasant street.
Julia O'Sullivan, 105 Mt. Washington street.
Marietta O'Neil, 11 Carter street.
Mary J. Reardon, 16 Marginal street.
A. Lillian Walsh, 145 Mammoth Rd.

TEACHERS' CERTIFICATES

Granted since January 1, 1908

First Grade

Dennis A. Murphy, University of America, '08, 349 Broadway.
Joseph G. Pyne, Holy Cross, '10, 823 Central street.
George F. Lee, Boston College, '09, 536 Gorham street.
John E. Robinson, Bates, '06, Goffstown, N. H.
Arthur B. Barnes, Dartmouth, '08 30 Huntington street.
Raymond W. Sherburne, Dartmouth, '08, Tyngsboro, Mass.
Charles E. Seede, Tufts, 85 Dover street.
Patrick J. Reynolds, Holy Cross, '12, 139 Chapel street.

Second Grade

May D. Stone, Mt. Holyoke, '08, 63 Royal street.
Helen M. Whitcomb, Smith, '08, 2 Belmont street.
Anna C. Chandler, Wellesley, '09, 5 Concord terrace, South Framingham.
Lucy P. Hall, Smith, '06, 135 Hildreth street.
Frances M. Masterson, Radcliffe, '10, 352 Christian street.
Josephine A. Boynton, Smith, '08, 101 Livingston avenue.
Mary L. Martin, Smith, '10, 547 Gorham street.
Helen Guyton, Boston University, 159 Mammoth road.
Elizabeth Spalding, Simmons, '09, 1016 Middlesex street.
Millie A. Severance, Smith, '09, 202 Stevens street.
Margaret M. Cassidy, Boston University, '08, 44 B street.
Maud E. McManama, Boston University, '09, 162 Summer st., Waltham.
Myrtle M. Killpatrick, Tufts, '09, 915 Bridge street.
Mary W. Sawyer, Wellesley, '11, 915 Bridge street.
Genieve E. Lawrence, Wellesley, '12, 53 Berkeley Ave.
Mary E. Quirbach, Smith, '12, 134 Gorham street.
Ellen E. McQuade, Trinity, '12, 318 Andover street.
Hannah E. Moors, Wellesley, '12, 104 Moore street.
Hope Hearn, Radcliffe, '12, 536 Fletcher street.

Third Grade

Marietta G. Gormley, Lowell Normal, 22 Lyon street.
 Katherine C. Early, Lowell Normal, 181 Pleasant street.
 Katherine M. Crowley, Lowell Normal, 115 Fort Hill Ave.
 Gertrude B. Crowley, Lowell Normal, 115 Fort Hill Ave.
 Elsie M. Cragin, Lowell Normal, 114 So. Walker street.

Fourth Grade

Helen S. Livingston, Lowell Normal, '05, 28 Robbins street.
 Helen B. Webster, Lowell Normal, '08, 69 Myrtle street.
 Myra L. Stacy, Lowell Normal, '08, 16 Fairfield street, Haverhill, Mass.
 Josephine A. Boynton, Lowell Normal, '03, 101 Livingston ave.
 Catherine Dunn, Lowell Normal, '10, West Chelmsford, Mass.
 Elsie M. Dustin, Lowell Normal, '10, 79 Penacook street Manchester, N. H.
 Sophie H. Kegler, Lowell Normal, '10, 34 Lowden avenue, West Somerville.
 Edna H. Walcott, Lowell Normal, '10, Nashua, N. H.
 Hazel Chadwick, Lowell Normal, '11, 141 Nesmith street.
 Edna M. Hogg, Perry Kindergarten, '12, 505 Westford street.

SALARIES OF TEACHERS**HIGH SCHOOL**

| | |
|---|-------------|
| Head Master | \$3000 |
| Men Teachers | 800 to 2000 |
| Women Teachers, first year | 650 |
| Women Teachers, second year | 700 |
| Women Teachers, third year and thereafter | 800 to 1000 |

GRAMMAR SCHOOLS

| | |
|--|------------------|
| Masters, (yearly increase, \$100) | \$1300 to \$2000 |
| Teachers, first year, \$500, after ten years | 800 |
| Teachers of Drawing | 800 |
| Teachers of Music | 800 to 1250 |
| Teacher of Sewing | 900 |
| Assistant Teacher of Sewing | 700 |

PRIMARY SCHOOLS

| | |
|---|-------|
| Principals of three or more rooms, maximum salary | \$850 |
| Principals of two or more rooms | 825 |
| Teachers, first year, \$500; after ten years | 800 |

KINDERGARTENS

| | |
|------------------|-------|
| Principals | \$600 |
| Assistants | 550 |

TEMPORARY TEACHERS

| | |
|----------------------------|--------|
| Men Teachers per day | \$3.00 |
| Women Teachers | 2.50 |
| Kindergartens | 1.75 |
| Sub-Master | 2200 |

TEXT BOOKS USED IN THE PUBLIC SCHOOLS

PRIMARY SCHOOLS

| | |
|--|-------------------------------------|
| First Readers, Many Series | Davis's Stories of American History |
| Second Readers, Many Series | Carroll's Around the World, Book I |
| Advanced Second and Third Readers, Many Series | Carroll's Around the World, Book I |
| Franklin Primary Arithmetic | Aldine Reading Chart |
| Prince's Arithmetic by Grades | American Music Readers |
| Nicholl's Graded Lessons in Number | American Music Chart |
| Wilson's Historical Reader | Blaisdell's Child's Book of Health |
| | Whitehouse's Writing Books |

GRAMMAR SCHOOLS

| | |
|-------------------------------------|---|
| Third Readers, Several Series | Reed's Word Lessons |
| Fourth Readers, Several Series | The Mother Tongue, Books I and II |
| Fifth Readers, Several Series | Tarr and McMurry's Geographies, desk books for teachers |
| Scudder's Fables and Folk Stories | Frye's Geographies |
| DeFoe's Robinson Crusoe | Metcalf and Rafter's series of Grammars |
| Burrough's Birds and Bees | Winslow's Earth and its People |
| Hawthorne's Wonder Book | Little People Everywhere Series of Geographical Readers |
| American Literature, Master-pieces | Gordy's History of the United States |
| Southworth-Stone Arithmetics | Scudder's History of the United States |
| Morey's Arithmetics | Fiske's History of the United States |
| Carpenter's Geographical Readers | Montgomery's History of the United States |
| Carroll's Around the World | Tappan's Our Country's Story |
| Lewis's First Manual of Composition | |
| Union Series of Physiologies | |
| Coleman's Physiologies | |
| Gulick Hygiene Series | |

| | |
|------------------------------------|---|
| Wentworth's First Steps in Algebra | Guerber's Story of the English |
| Worcester's Speller | Guerber's Story of the Greeks |
| The Morse Speller | Ashley's Citizen and Government |
| The Rational Spelling Book | Worcester's, Webster's and Clarendon Dictionaries |
| Chancellor's Spellers | |
| Quincy Word List | Werner Mental Arithmetic |
| Whitehouse's Writing books | American Music Readers |

HIGH SCHOOL

Chemistry, Physics and Other Sciences

| | |
|-------------------------------------|-----------------------------|
| Experimental Chemistry, Newell | Herbarium Wilson |
| Qualitative Analysis, Irish | Lessons in Astronomy, Young |
| A Text-Book of Physics, Hall-Bergen | Physics, Hoadley |
| Botany, Gray | Physiology, Kellogg |
| Geology, Le Conte | Physiology, Blaisdell |
| Descriptive Chemistry, Newell | Physiology, Martin |
| | Tarr's Physical Geography |
| | Geology, Brigham |

English

| | |
|--|--|
| English Composition, Shaw | Silas Marner, Eliot |
| Hill's Principles of Rhetoric | Sir Roger de Coverly Papers, |
| Foundations of Rhetoric, Hill | Addison |
| Lessons in English, Buehler | Ancient Mariner, Coleridge |
| Composition Rhetoric, Brooks and Hubbard | Chaucer to Arnold, George Conciliation with America, |
| Enlarged Practice Book, Hitchcock | Burke |
| Introduction to English Literature, Pancoast | Ivanhoe, Scott |
| Story of the Odyssey, Church | Macbeth, Shakespeare |
| Tales from Shakespeare, Lamb | Lady of the Lake, Scott |
| Iliad, Pope | Merchant of Venice, |
| Iliad, Bryant | Shakespeare |
| | Milton's Lyrics |
| | Idylls of the King, Tennyson |

| | |
|-----------------------------|-------------------------------|
| Julius Ceasar, Shakespeare | Vision of Sir Launfal, Lowell |
| Emerson's Essays (selected) | Last of the Mohicans, Cooper |
| Essays of Elia, Lamb | House of Seven Gables, |
| Twice-Told Tales, Hawthorne | Hawthorne |

French

| | |
|---|---|
| College Plays, Bocher | Le Tour de la France par deux Enfants, Bruno |
| Colomba, Merimee | La Mare au Diable, Sand |
| Le Cid, (Corneille) | La Famille de Germandre, Sand |
| Contes et Legendes, II Guerber | La Fontaine's Fables (American Book Company) |
| Douze Contes Nouveaux, Fontaine | Le Siege de Berlin |
| French Reader for Beginners, Kuhns | Class-Book of French Composition, Blouet |
| La Chute, Hugo | La Grammaire, Labiche |
| French Dictionary, Heath | Scenes de la Revolution |
| French Grammar, Grandgent | Francaise, Lamartine |
| French Grammar, Fraser and Squair | Le Dix-Septieme Siecle |
| French Grammar, Worman | Grammaire Francaise, Larive et Fleury, 2me An. |
| French Lyrics, Bowen | French Syntax and Composi- tion, Bouvet |
| French Reader, Super Exercises, Grandgent, III, IV, V | Readings from French History, Super |
| Exercises for French Composition, Kimball | Selected Stories, Daudet |
| La Tache du Petit Pierre | L'Expedition de Bonaparte en Egypte, Thiers |
| Le Voyage de Monsieur Perrichon, Labiche | French Commercial Reader, Pitman |
| French Composition, Grandgent | Intermediate French, Jacques |
| Sight Reading, Rogers | |

German

| | |
|---------------------------------------|---------------------------------|
| Hoher als die Kirche, Clary | Storm's M. St. Jurgen |
| German Composition, Fasnacht | German Dictionary, Heath |
| Traumereien, Leander | Der Zerbrochne Krug, Joyne's |
| Heise's L'Arrabbiata | Jayne's Meissner's German |
| Harris' German Lessons | Grammar |
| Wesselhoefts' German Composition | Gould's Tales from Hauff |
| Harris' German Composition | Schiller's Jungfrau von Orleans |
| Immensee, Storm's | Schiller's Wilhelm Tell |
| Ludwig's Zwischen, Himmel und Erde | Wildenbruch's Das Edle Blut |
| | Baumbach's Der Schwiegersohn |

Greek

| | |
|-----------------------------|----------------------------|
| Anabasis, Xenophon | Greek Lexicon, Liddell and |
| Greek Composition, Pearson | Scott |
| Greek Composition, Woodruff | Greek Lexicon, White |
| Greek Grammar, Goodwin | Greek Reader, Goodwin |
| Greek Lessons, White | Homer's Iliad, Seymour |
| . | Homer's Odyssey, Seymour |

History

| | |
|--|---|
| Ages of Pericles, Grant | Fiske's School Histories |
| American History, Montgomery | A Short History of Ancient Times, Myers |
| Ancient History, Myers | Greek History, Morey |
| English History, Montgomery | Roman History, Morey |
| Greek Civilization, Mahaffy | Greek History, Botsford |
| History of England, Coman and Kendall | Greek Tragedians, Church |
| History of English People, Green | Johnston's American History |
| English History, Higginson and Channing | Plutarch's Lives, Kaufman Source Book, Hart. |
| | U. S. History, McMaster |
| | European History, Adams |

Latin

| | |
|-----------------------------|------------------------------|
| Caesar, Allen and Greenough | Virgil, Allen and Greenough |
| Cicero, Allen and Greenough | Virgil, Brice |
| Gate to Caesar, Collar | Viri Romae, Rolfe |
| Ovid, Allen and Greenough | First Year Latin, Collar and |
| Sallust | Daniell |

Mathematics

| | |
|---|---|
| Academic Algebra, Wells | Geometry, Plane, Wentworth and Smith |
| Arithmetic, Wentworth and Hill | Elementary Algebra, Wentworth |
| Geometry, Plane and Solid, Wentworth | Geometry, Plane, Wells |
| Essentials of Algebra, Wells | Secondary Algebra, Wells |
| | Trigonometry, Wentworth |

Commercial

| | |
|---|--|
| Commercial Geography, Adams | Seventy Lessons in Spelling, Williams and Rogers |
| Mental Arithmetic, Williams and Rogers | Commercial Arithmetic, Moore |
| Business Correspondance, Williams and Rogers | Commercial Law, Gano |
| Shorthand, Gregg | Bookkeeping and Business Practice, Williams and Rogers |

**SUMMARY OF THE ANNUAL RETURNS OF THE PUBLIC SCHOOLS OF THE CITY OF LOWELL
FOR THE YEAR ENDING JUNE 30, 1912.**

| SCHOOLS | LOCATION | Whole No. Enrolled | | No. pupils belonging Dec. 1912 | | Whole No. Pupils on time books since Sept. 1, 1911 | | Average No. pupils belonging to school | | Average daily attendance | | Number of rooms in regular use | | Number of seats or stu- dents in these rooms | | Number of half days of school, counted as a "school day" | | |
|----------------------|--------------------------------------|-----------------------|---------|--------------------------------------|---------|--|-------|---|-------|--------------------------------|---------|--------------------------------------|-------|---|-------|---|---------|-----|
| | | Males | Females | Males | Females | Total | Males | Females | Total | Males | Females | Total | Males | Females | Total | Males | Females | |
| High | Kirk and Anne Sts. | 577 | 696 | 1273 | 567 | 656 | 1223 | 577 | 696 | 1273 | 529 | 644 | 1173 | 504 | 616 | 1120 | 112 | 21 |
| Bartlett (Gr.) | Wannalancit St. | 224 | 244 | 468 | 187 | 204 | 391 | 231 | 250 | 481 | 203 | 214 | 417 | 188 | 197 | 385 | 13 | 85 |
| Primaries | | | | | | | | | | | | | | | | | | |
| Bartlett. | Wannalancit St. | 128 | 117 | 245 | 95 | 97 | 192 | 134 | 121 | 255 | 104 | 105 | 209 | 93 | 91 | 184 | 44 | 6 |
| Morrill. | Adams and Common Sts. | 69 | 72 | 141 | 60 | 54 | 114 | 97 | 74 | 171 | 52 | 45 | 97 | 48 | 42 | 90 | 104 | 0 |
| Cross St. | Cross St. near Mt. Vernon St. | 40 | 43 | 83 | 42 | 46 | 88 | 43 | 45 | 88 | 28 | 38 | 66 | 26 | 37 | 63 | 28 | 8 |
| Totals for Primaries | | 237 | 232 | 469 | 197 | 197 | 394 | 274 | 240 | 514 | 184 | 188 | 372 | 167 | 173 | 337 | 14 | 38 |
| Butler (Gr.) | Gorham St. | 358 | 342 | 700 | 322 | 321 | 643 | 371 | 360 | 721 | 328 | 313 | 641 | 308 | 290 | 598 | 31 | 161 |
| Primaries | | | | | | | | | | | | | | | | | | |
| Agawam St. | Cor. Agawam and Barrington Sts. | 51 | 44 | 95 | 42 | 30 | 72 | 54 | 47 | 101 | 50 | 39 | 89 | 45 | 37 | 82 | 14 | 11 |
| Carier St. | Carier St. | 104 | 86 | 190 | 80 | 76 | 156 | 111 | 96 | 207 | 90 | 78 | 168 | 80 | 70 | 150 | 62 | 0 |
| London St. | Cor. London and West Sts. | 67 | 67 | 137 | 69 | 62 | 131 | 75 | 79 | 154 | 65 | 60 | 125 | 59 | 55 | 114 | 40 | 0 |
| Lyon St. | Cor. Central and Lyon Sts. | 116 | 111 | 227 | 79 | 87 | 166 | 134 | 125 | 259 | 98 | 92 | 190 | 90 | 90 | 180 | 6 | 32 |
| Weed St. | Cor. Gorham and Weed Sts. | 41 | 59 | 100 | 73 | 73 | 110 | 45 | 65 | 110 | 34 | 49 | 83 | 32 | 45 | 77 | 31 | 0 |
| Totals for Primaries | | 379 | 370 | 749 | 210 | 255 | 625 | 419 | 412 | 831 | 337 | 318 | 655 | 306 | 297 | 603 | 17 | 82 |

SUMMARY OF THE ANNUAL RETURNS OF THE PUBLIC SCHOOLS—Continued

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|------|----|-----|------|------|------|
| Coburn (Gr.) | Lawrence St., near Charles..... | 173 | 153 | 326 | 155 | 145 | 300 | 183 | 165 | 348 | 149 | 146 | 295 | 144 | 136 | 280 | 16 | 70 | 22 | 18 | 95 | 9 | 412 | 3276 | | |
| Primaries | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coburn | Charles St., near Lawrence..... | 85 | 87 | 172 | 89 | 87 | 176 | 103 | 98 | 201 | 72 | 70 | 142 | 67 | 63 | 130 | 11 | 14 | 27 | 32 | 16 | 90 | 4 | 204 | 1460 | |
| Ames St. | Cor. Ames and Lawrence..... | 57 | 49 | 106 | 51 | 39 | 90 | 67 | 50 | 117 | 56 | 39 | 95 | 52 | 35 | 87 | 49 | 3 | 11 | 26 | 9 | 92 | 3 | 164 | 1089 | |
| Central St. | Central St., opp. Hudson | 74 | 73 | 147 | 77 | 68 | 145 | 82 | 78 | 160 | 68 | 68 | 136 | 62 | 62 | 124 | 38 | 11 | 9 | 34 | 14 | 91 | 4 | 210 | 1460 | |
| Totals for Primaries | | 216 | 209 | 425 | 217 | 194 | 411 | 253 | 226 | 478 | 196 | 177 | 373 | 181 | 160 | 341 | 98 | 28 | 47 | 92 | 39 | 91 | 11 | 578 | 4009 | |
| Edson (Gr.) | Cor. Highland and South Sts..... | 254 | 247 | 501 | 237 | 257 | 494 | 260 | 260 | 520 | 229 | 229 | 223 | 451 | 211 | 210 | 421 | 23 | 120 | 19 | 20 | 21 | 93 | 11 | 559 | 4015 |
| Primaries | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Charles St. | Charles St. near Gorham..... | 103 | 97 | 200 | 78 | 67 | 145 | 111 | 108 | 219 | 74 | 80 | 154 | 73 | 69 | 142 | 68 | 5 | 19 | 29 | 34 | 33 | 4 | 192 | 1468 | |
| Cottage St. | Cor. Cottage and Chapel Sts. | 67 | 58 | 125 | 54 | 55 | 109 | 69 | 73 | 142 | 58 | 45 | 103 | 53 | 39 | 92 | 37 | 5 | 17 | 34 | 20 | 89 | 3 | 150 | 1092 | |
| Eliot | Cor. Summer and Favor Sts. | 79 | 89 | 168 | 66 | 56 | 122 | 89 | 98 | 187 | 65 | 66 | 131 | 60 | 61 | 121 | 80 | 0 | 15 | 36 | 19 | 91 | 4 | 220 | 1452 | |
| Totals for Primaries | | 249 | 244 | 493 | 198 | 178 | 376 | 269 | 279 | 548 | 197 | 191 | 388 | 186 | 169 | 355 | 185 | 10 | 51 | 99 | 73 | 91 | 11 | 562 | 4012 | |
| Green (Gr.) | Merrimack St. opp. Colburn St..... | 313 | 270 | 583 | 209 | 209 | 418 | 335 | 281 | 616 | 230 | 189 | 419 | 217 | 170 | 387 | 269 | 76 | 33 | 23 | 11 | 93 | 11 | 603 | 4015 | |
| Primaries | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cabot St. | Cor. Cabot and Ford Sts. | 81 | 61 | 142 | 77 | 37 | 114 | 92 | 67 | 159 | 51 | 32 | 83 | 45 | 29 | 74 | 120 | 0 | 14 | 28 | 8 | 90 | 3 | 152 | 1101 | |
| Kirk St. | Cor. Kirk and Lee Sts. | 46 | 46 | 92 | 36 | 31 | 67 | 64 | 54 | 118 | 33 | 31 | 64 | 31 | 28 | 19 | 64 | 0 | 5 | 25 | 24 | 10 | 94 | 2 | 111 | 733 |
| Worthing St. | Cor. Kirk, near Broadway..... | 65 | 63 | 128 | 53 | 55 | 108 | 67 | 67 | 134 | 51 | 47 | 98 | 47 | 43 | 90 | 54 | 0 | 5 | 159 | 1098 | | | | | |
| Totals for Primaries | | 192 | 170 | 362 | 166 | 123 | 289 | 223 | 188 | 411 | 135 | 110 | 245 | 123 | 100 | 223 | 228 | 2 | 46 | 77 | 38 | 91 | 8 | 422 | 2931 | |
| Greenhalge (Gr) | Ennel St., Centralville | 195 | 178 | 373 | 162 | 170 | 332 | 202 | 184 | 386 | 167 | 158 | 325 | 157 | 145 | 302 | 94 | 50 | 27 | 17 | 26 | 93 | 9 | 427 | 3303 | |
| Primaries | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Greenhalge | In Grammar School Building... Lakeview Ave.. Ferry Lane | 62 | 82 | 144 | 55 | 52 | 107 | 66 | 85 | 151 | 49 | 56 | 105 | 44 | 50 | 94 | 35 | 0 | 12 | 22 | 10 | 89 | 3 | 144 | 1098 | |
| Totals for Primaries | | 144 | 166 | 310 | 127 | 118 | 245 | 157 | 174 | 331 | 120 | 128 | 248 | 108 | 114 | 222 | 106 | 1 | 26 | 50 | 25 | 89 | 7 | 388 | 2558 | |

SUMMARY OF THE ANNUAL RETURNS OF THE PUBLIC SCHOOLS—Continued

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|----|-----|-----|------|
| Highland(Gr.) | Cor. Pine and Wilder Sts. | 258 | 287 | 545 | 232 | 279 | 531 | 274 | 300 | 574 | 229 | 266 | 495 | 215 | 247 | 462 | 61 | 88 | 50 | 64 | 12 | 93 | 14 | 634 | 5086 |
| Primaries | Dover St. near Grove Sts. | 65 | 69 | 134 | 44 | 63 | 107 | 74 | 73 | 147 | 58 | 63 | 121 | 53 | 58 | 111 | 27 | 23 | 13 | 40 | 7 | 91 | 3 | 153 | 1086 |
| Dover St. | Cor. Pine and Gibson Sts. | 74 | 61 | 135 | 51 | 49 | 100 | 74 | 68 | 142 | 65 | 55 | 120 | 59 | 49 | 108 | 21 | 23 | 12 | 44 | 10 | 90 | 3 | 168 | 1093 |
| Pine St. | Junct. Branch and Middlesex Sts. | 79 | 74 | 153 | 84 | 63 | 147 | 96 | 84 | 180 | 72 | 61 | 133 | 64 | 56 | 120 | 47 | 17 | 23 | 30 | 20 | 90 | 4 | 188 | 1452 |
| Franklin | Powell St. near Liberty St. | 52 | 58 | 110 | 44 | 41 | 85 | 55 | 63 | 118 | 47 | 49 | 96 | 44 | 45 | 89 | 17 | 9 | 21 | 28 | 26 | 93 | 2 | 105 | 734 |
| Totals for Primaries | | 270 | 262 | 532 | 223 | 216 | 439 | 299 | 288 | 587 | 242 | 228 | 470 | 220 | 208 | 428 | 112 | 72 | 69 | 142 | 63 | 91 | 12 | 614 | 4365 |
| A. Lincoln (Gr.) | Chelmsford St. near Lincoln Sq. | 254 | 261 | 515 | 250 | 235 | 485 | 265 | 270 | 535 | 228 | 234 | 462 | 209 | 217 | 426 | 27 | 120 | 20 | 34 | 18 | 92 | 11 | 553 | 3971 |
| Primaries | In Grammar School Building. | 46 | 47 | 93 | 53 | 49 | 102 | 51 | 54 | 105 | 41 | 43 | 94 | 35 | 37 | 72 | 68 | 25 | 12 | 0 | 1 | 86 | 2 | 112 | 722 |
| Lincoln | Howard St. | 86 | 78 | 164 | 75 | 70 | 146 | 91 | 81 | 172 | 73 | 63 | 136 | 67 | 57 | 124 | 47 | 4 | 46 | 49 | 12 | 91 | 4 | 203 | 1460 |
| Totals for Primaries | | 132 | 125 | 257 | 128 | 119 | 247 | 142 | 135 | 277 | 114 | 106 | 220 | 102 | 94 | 196 | 115 | 29 | 58 | 49 | 13 | 90 | 6 | 314 | 2182 |
| Moody (Gr.) | Cor. Rogers and High Sts. | 226 | 196 | 422 | 189 | 163 | 352 | 233 | 208 | 441 | 205 | 176 | 381 | 197 | 164 | 361 | 19 | 60 | 19 | 65 | 20 | 93 | 11 | 546 | 4037 |
| Primaries | Sycamore St., near Wentworth Ave. | 45 | 43 | 88 | 37 | 35 | 72 | 49 | 44 | 93 | 40 | 37 | 77 | 33 | 70 | 24 | 3 | 4 | 18 | 9 | 90 | 2 | 102 | 734 | |
| Oaklands | Cor. Pond and High St. | 97 | 102 | 199 | 93 | 94 | 187 | 106 | 117 | 223 | 81 | 83 | 164 | 72 | 74 | 146 | 76 | 2 | 22 | 29 | 11 | 90 | 5 | 213 | 1833 |
| Totals for Primaries | | 142 | 145 | 287 | 130 | 129 | 259 | 155 | 161 | 316 | 121 | 120 | 241 | 109 | 107 | 216 | 100 | 5 | 26 | 47 | 20 | 90 | 7 | 315 | 2567 |
| Pawtucket (Gr.) | Cor. Mammoth Rd. and Fourth Ave. | 120 | 167 | 287 | 144 | 179 | 323 | 120 | 168 | 288 | 103 | 147 | 250 | 100 | 139 | 239 | 53 | 40 | 6 | 33 | 0 | 96 | 6 | 312 | 2190 |
| Primary | New Moody St. | 103 | 95 | 198 | 101 | 109 | 210 | 109 | 95 | 204 | 89 | 84 | 173 | 84 | 79 | 163 | 63 | 18 | 6 | 40 | 9 | 94 | 6 | 275 | 2196 |
| Riverside (Gr.) | Woburn St., Wigginville | 46 | 58 | 104 | 44 | 71 | 115 | 46 | 64 | 110 | 38 | 55 | 93 | 36 | 51 | 87 | 9 | 26 | 6 | 0 | 3 | 95 | 3 | 133 | 1086 |
| Riverside | In Grammar School Building.... | 52 | 55 | 107 | 38 | 37 | 75 | 57 | 62 | 119 | 39 | 48 | 87 | 35 | 44 | 79 | 35 | 0 | 11 | 19 | 17 | 90 | 3 | 155 | 1086 |

SUMMARY OF THE ANNUAL RETURNS OF THE PUBLIC SCHOOLS—Continued

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|----|-----|------|------|-----|
| Varnum (Gr.) | Myrtle and Beech Sts., Centralville... | 291 | 315 | 606 | 274 | 264 | 538 | 332 | 343 | 675 | 274 | 283 | 567 | 273 | 265 | 538 | 86 | 120 | 16 | 56 | 26 | 95 | 15 | 776 | 5470 | |
| Primaries | | | | | | | | | | | | | | | | | | | | | | | | | | |
| West Sixth | W. Sixth, near Jewett..... | 98 | 91 | 189 | 96 | 73 | 168 | 110 | 99 | 209 | 77 | 70 | 147 | 72 | 65 | 137 | 69 | 4 | 29 | 42 | 34 | 93 | 4 | 228 | 1460 | |
| Tenth | Tenth St. Cor. Varnum Ave..... | 98 | 83 | 181 | 71 | 63 | 134 | 106 | 91 | 197 | 75 | 65 | 140 | 69 | 58 | 127 | 43 | 22 | 20 | 54 | 23 | 91 | 4 | 211 | 1460 | |
| Billings | Billings St., near Hildreth | 79 | 93 | 172 | 63 | 132 | 85 | 99 | 184 | 68 | 74 | 142 | 63 | 66 | 129 | 57 | 0 | 13 | 30 | 14 | 91 | 4 | 216 | 1456 | | |
| | Totals for Primaries | 275 | 267 | 542 | 229 | 205 | 434 | 301 | 289 | 590 | 220 | 209 | 429 | 204 | 189 | 393 | 169 | 26 | 62 | 126 | 71 | 91 | 12 | 655 | 4376 | |
| Washington(Gr) | Cor. Avery and Lang Sts. | 125 | 104 | 229 | 128 | 121 | 249 | 126 | 105 | 231 | 111 | 89 | 200 | 107 | 84 | 191 | 1 | 57 | 17 | 0 | 25 | 96 | 6 | 274 | 2206 | |
| Primary | Cor. Chelmsford and Plain Sts. | 116 | 137 | 253 | 101 | 113 | 214 | 125 | 151 | 276 | 103 | 124 | 227 | 96 | 112 | 208 | 37 | 20 | 48 | 81 | 20 | 91 | 5 | 280 | 1825 | |
| Laura Lee | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Schools | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middlesex Vill'g | Cor. Middlesex and Cornell Sts. | 67 | 57 | 124 | 56 | 53 | 109 | 70 | 62 | 132 | 58 | 54 | 112 | 64 | 52 | 106 | 30 | 0 | 8 | 5 | 7 | 92 | 3 | 152 | 1095 | |
| Lexington Ave. | Lexington Ave., near Varnum Ave.... | 19 | 15 | 34 | 14 | 13 | 27 | 20 | 15 | 35 | 14 | 12 | 26 | 13 | 10 | 23 | 11 | 0 | 1 | 0 | 0 | 9 | 90 | 1 | 36 | 361 |
| | Totals for Mixed Schools | 86 | 72 | 158 | 70 | 66 | 136 | 90 | 77 | 167 | 72 | 66 | 138 | 67 | 62 | 129 | 41 | 0 | 9 | 5 | 16 | 93 | 4 | 188 | 1456 | |
| | KINDERGARTENS | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agawam | Agawam St., Primary School Building | 23 | 22 | 45 | 14 | 16 | 30 | 23 | 22 | 45 | 16 | 13 | 29 | 14 | 10 | 24 | 42 | 0 | 3 | 6 | 4 | 80 | 1 | 40 | 182 | |
| Bartlett | Cross St. Primary Building | 25 | 21 | 46 | 13 | 26 | 39 | 25 | 21 | 46 | 16 | 10 | 26 | 13 | 8 | 21 | 46 | 0 | 0 | 29 | 2 | 83 | 1 | 40 | 181 | |
| Chapel St. | Cor. Chapel and Keene Sts. | 40 | 23 | 63 | 16 | 20 | 36 | 24 | 42 | 66 | 8 | 27 | 35 | 7 | 24 | 31 | 63 | 0 | 3 | 17 | 4 | 85 | 1 | 50 | 163 | |
| Charles St. | In Colburn Primary Building | 33 | 26 | 59 | 23 | 9 | 32 | 33 | 26 | 42 | 59 | 18 | 31 | 14 | 10 | 24 | 59 | 0 | 0 | 2 | 0 | 77 | 1 | 40 | 181 | |
| Dover St. | In Dover St. Primary Building | 17 | 19 | 36 | 12 | 15 | 27 | 19 | 19 | 38 | 12 | 11 | 23 | 9 | 9 | 18 | 36 | 0 | 2 | 21 | 0 | 78 | 1 | 35 | 117 | |
| Franklin | Franklin School Building | 38 | 29 | 67 | 19 | 21 | 40 | 43 | 36 | 79 | 21 | 21 | 42 | 14 | 13 | 27 | 76 | 0 | 3 | 29 | 2 | 68 | 1 | 44 | 181 | |
| Laura Lee | Cor. Plain and Powell Sts. | 23 | 29 | 52 | 15 | 14 | 29 | 23 | 29 | 52 | 12 | 18 | 30 | 9 | 15 | 24 | 51 | 0 | 1 | 36 | 5 | 80 | 1 | 40 | 183 | |
| Lincoln | Lincoln Grammar School Building ... | 32 | 30 | 62 | 18 | 14 | 32 | 30 | 62 | 20 | 20 | 40 | 13 | 15 | 28 | 57 | 0 | 5 | 2 | 4 | 70 | 1 | 53 | 180 | | |
| Moody | In High St. School Building | 29 | 58 | 32 | 31 | 63 | 14 | 14 | 28 | 8 | 9 | 17 | 58 | 0 | 5 | 27 | 0 | 60 | 1 | 39 | 183 | | | | | |
| Pawtucket | Pawtucket, Pawtucket Ave..... | 18 | 33 | 51 | 16 | 10 | 26 | 18 | 33 | 51 | 11 | 11 | 34 | 9 | 18 | 27 | 51 | 0 | 12 | 0 | 78 | 1 | 38 | 182 | | |
| Pine St. | Pine Street Primary Building | 24 | 17 | 41 | 13 | 10 | 23 | 24 | 17 | 41 | 16 | 14 | 30 | 13 | 11 | 24 | 41 | 0 | 0 | 19 | 0 | 80 | 1 | 34 | 182 | |
| Varnum | Varnum Grammar School Building... | 32 | 35 | 67 | 20 | 20 | 40 | 32 | 35 | 67 | 21 | 22 | 43 | 19 | 17 | 36 | 67 | 0 | 0 | 24 | 0 | 84 | 2 | 46 | 182 | |
| | Totals for Kindergartens | 334 | 313 | 647 | 179 | 175 | 354 | 328 | 341 | 669 | 185 | 206 | 391 | 142 | 159 | 301 | 647 | 0 | 22 | 224 | 21 | 79 | 13 | 499 | 2182 | |

SCHOOL'S—Continued

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|------|------|-------|------|------|-------|-------|------|-------|------|------|-------|------|------|-------|------|-------|------|------|-----|----|------|-------|--------|--------|--------|------|
| Industrial Bartlett..... | North Common, cor. Clark St. Adams and Common Sts..... | 107 | 107 | 158 | 97 | 146 | 64 | 146 | 64 | 119 | 48 | 119 | 48 | 112 | 45 | 112 | 45 | 31 | 18 | 115 | 0 | 0 | 94 | 5 | 32 | 1825 | | |
| | Totals for Industrial Schools | 107 | 57 | 158 | 97 | 255 | 146 | 64 | 210 | 119 | 48 | 167 | 112 | 45 | 157 | 49 | 18 | 142 | 0 | 0 | 94 | 8 | 64 | 32 | 109 | 32 | 109 | |
| Summary | High School | 577 | 696 | 1273 | 656 | 1223 | 577 | 696 | 1273 | 529 | 644 | 1173 | 504 | 616 | 1120 | 112 | 312 | 21 | 0 | 5 | 96 | 39 | 1303 | 4452 | 1430 | 105000 | | |
| | Grammar Schools | 577 | 2837 | 5659 | 2822 | 5659 | 2818 | 5171 | 2978 | 5926 | 2494 | 3492 | 4986 | 2362 | 2315 | 4677 | 702 | 1073 | 266 | 433 | 217 | 94 | 134 | 6620 | 48319 | 1430 | 105000 | |
| | Primary Schools | 2507 | 2477 | 4984 | 2264 | 2143 | 4407 | 2782 | 2700 | 5482 | 2097 | 2031 | 4228 | 1921 | 1843 | 3764 | 1496 | 242 | 570 | 1066 | 487 | 91 | 118 | 5019 | 40373 | 1430 | 105000 | |
| | Mixed Schools..... | 86 | 72 | 168 | 70 | 66 | 136 | 90 | 77 | 167 | 72 | 66 | 138 | 67 | 62 | 129 | 41 | 0 | 9 | 5 | 16 | 93 | 4 | 188 | 1456 | 1456 | 1456 | 1456 |
| | Totals, not including Kindergarten or Industrial Schools | 6007 | 6067 | 12074 | 5454 | 5483 | 10937 | 6427 | 6431 | 12858 | 5192 | 5233 | 10425 | 4854 | 4836 | 9690 | 2350 | 10247 | 866 | 1504 | 715 | 93 | 295 | 1430 | 105000 | 1430 | 105000 | |
| | Totals, including Kindergarten or Industrial Schools | 6341 | 6380 | 12721 | 5633 | 5658 | 11291 | 6755 | 6772 | 13257 | 5377 | 5439 | 10816 | 4936 | 4995 | 9691 | 2997 | 1627 | 888 | 1728 | 736 | 92 | 308 | 14629 | 107182 | 1430 | 105000 | |
| | Totals, including Industrial Schools | 6448 | 6437 | 12885 | 5791 | 5755 | 11546 | (301) | 6830 | 13737 | 5496 | 5487 | 10983 | 5108 | 5140 | 10148 | 3046 | 1645 | 1030 | 1728 | 736 | 92 | 316 | 14693 | 110102 | 1430 | 105000 | |



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